

Name: ABDUL RUSSEL SARKAR Honours: MATHEMATICS Roll No. 170331000001

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
		CC-2	Algebra	4	6	24	2017	5.50	5.64	
I	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018	2018		
II	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018	4.50	4.90	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018			
III		CC-7	Numerical Methods	6	6	36	2018	4.67	5.23	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
		CC-8	Riemann Integration and Series of Functions	4	6	24	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	NA	6	NA		]		
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	]		
IV	CHEMISTRY		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			SNC
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V		CC-12	Mechanics I	5	6	30	2019	5.75	5.75	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020	]		$\perp$		
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGP		Result:	PNC

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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90% to 100%	10	80% and above but below 90%	9	1
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below $40%$	4	Below 35%	Not Awarded (NA)	

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ABDUR RAHAMAN Honours: MATHEMATICS Roll No. 170331000002

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
		CC-2	Algebra	6	6	36	2017	5.50	5.01	
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.50	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	6 48 2018		1		
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	8.00	8.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	8	6	48	2018	7.00	7.23	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2	14	2018				
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
IV	CHEMISTRY		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.67	7.69	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Mechanics I	6	6	36	2019	7.25	7.25	Q
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.77	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020	]				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	CGPA Letter Grade		Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: ABIR DUTTA Honours: ZOOLOGY Roll No. 170331000003

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017			
	ZOOLOGI	CC-2	Ecology	8	6	48	2017			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	7.50	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001.001/	CC-3	Non-chordates II	8	6	48	2018			
	ZOOLOGY	CC-4	Cell Biology	7	6	42	2018	1		
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2018	7.50	7.90	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	ZOOLOGY	CC-5	Chordates	8	6	48	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2018	]		
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	8.33	7.69	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018	]		
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018	]		
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019	]		
IV		CC-10	Immunology	7	6	42	2019	6.67	7.00	Q
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019	0.07	7.00	V
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019	]		
	7001 0CV	CC-11	Molecular Biology	8	6	48	2019			
V	ZOOLOGY	CC-12	Genetics	8	6	48	2019	8.25	8.25	
V	7001 0CV	DSE-1	Animal Biotechnology	8	6	48	2019	8.23	8.23	Q
	ZOOLOGY	DSE-2	Parasitology	9	6	54	2019	1		
	7001 00V	CC-13	Developmental Biology	8	6	48	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	8	6	48	2020	8.25	0.25	
V I	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020	8.23	8.25	Q
	ZUULUGY	DSE-4	Endocrinology 9 6 54				2020	]		
	nulative Grade Point Aver nulative Grade Point Aver	<u> </u>					Letter Gra		Result	t : Q

Date of Publication of Result: 29.10.2020

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Aning you you' Pal Controller of Examinations

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SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I E (Eoil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade rome rorms.			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ADITI MONDAL **Honours: MATHEMATICS** Roll No. 170331000004

Semester	Cubine	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
		CC-2	Algebra	5	6	30	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	4.50	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS.	CC-3	Real Analysis	8	6	48	2018			Q
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018	1	6.60	
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	6.00		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	]		
III		CC-7	Numerical Methods	7	6	42	2018	5.33	5.69	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2	16	2018				
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
IV		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	6.33	6.31	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	4	6	24	2019	5.50	5.50	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
	WIATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4						]		
	nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal Controller of Examinations

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Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l E(Egil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
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70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: ADITYA DAS Honours: MATHEMATICS Roll No. 170331000005

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
		CC-2	Algebra	5	6	30	2017		<b>5</b> 10	
I	PHYSICS	GE-1	Mechanics	30	2017	5.00	5.18	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018	1		
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	7.00	6.80	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
	English Witz	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	1		
III		CC-7	Numerical Methods	7	6	42	2018	5.67	5.92	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018	1		
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019	]		
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	1		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.00	5.62	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Mechanics I	4	6	24	2019			SNC
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA		]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS		Project Work	10	6	60	2020	] 10.00	10.00	Q
	IVIATHEIVIATICS	DSE-4	Mechanics II	10	6	60	2020			
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGP		Result:	PNC

Date of Publication of Result: 29.10.2020

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Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
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SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
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70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: AGAMONI SAHA **Honours: MATHEMATICS** Roll No. 170331000006

Semester	C. Lind	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
		CC-2	Algebra	6	6	36	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	5.50	6.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS.	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.50	6.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	]		
III		CC-7	Numerical Methods	7	6	42	2018	5.00	5.38	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	4.67	4.92	Q
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	NA	6	NA				SNC
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
	WIATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA				
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	9	6	54	2020	9.50	0.50	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020 9.50		9.50	Q
	MATHEMATICS	DSE-4	Mechanics II         10         6         60					]		
	nulative Grade Point Aven						Letter Gr CGP		Result:	PNC

Date of Publication of Result : 29.10.2020

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Anindya Zohi Pal Controller of Examinations

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50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: AMIT KUMAR MONDAL **Honours: MATHEMATICS** Roll No. 170331000007

Semester	Cubi4	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2018			
		CC-2	Algebra	6	6	36	2018	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons  Atomic Structure, Chemical Periodicity, 7 6 42 2018		2018	5.50	6.18	Q		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
	MATHEMATICS.	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018	1	5.80	Q
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
***	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018		5.60	
III		CC-7	Numerical Methods	8	6	48	2018	5.67	5.62	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	NA	6	NA				
IV			Ring Theory and Linear Algebra I	6	6	36	2019			SNC
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	4	6	24	2019	5.25	5.25	Q
	MATHEMATICS		Linear Programming	5	6	30	2019			
	WATTEMATICS		Probability & Statistics	4	6	24	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS		Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
v 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	٧
		DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGP		Result:	PNC

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1-1		1-1					
Course Types :		CGPA Let	ter Grades		Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l E(Egil)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: AMRITO BISWAS Honours: ZOOLOGY Roll No. 170331000008

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017			
	ZOOLOGI	CC-2	Ecology	7	6	42	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	7.00	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	48	2018					
	ZOOLOGI	CC-4	Cell Biology	5	6	30	2018	]		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.50	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Chordates	7	6	42	2018			
	ZOOLOGY	CC-6	Coordinating Systems		6	48	2018		<b>7.</b> 22	
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	7.33	7.23	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019	]		
IV		CC-10	Immunology	7	6	42	2019	6.67	7.00	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	ZOOLOGI	CC-12	Genetics	8	6	48	2019	8.00	8.00	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019	8.00	8.00	Ų
	ZOOLOGI	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOG I	CC-14	Evolutionary Biology	9	6	54	2020	0 75	0 75	
V I	700L0GV	DSE-3	Animal Behaviour	8	6	48	2020	8.75	8.75	Q
	ZOOLOGY	DSE-4	Endocrinology	54	2020	]				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: ANIRBAN BHATTACHARJEE Honours: CHEMISTRY Roll No. 170331000011

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTRI	CC-2	Physical Chemistry-I	9	6	54	2017			
I	PHYSICS	GE-1	Mechanics	7	6	42	2017	9.00	8.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMICTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	9	6	54	2018	7	8.70	
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	9.00		Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Physical Chemistry-II	9	6	54	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2018			
III		CC-7	Organic Chemistry-III	9	6	54	2018	9.00	8.31	Q
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III		6	42	2019			
		CC-9	Inorganic Chemistry-III	9	6	54	2019			
IV		CC-10	Organic Chemistry - IV	9	6	54	2019	8.33	8.54	Q
	MATHEMATICS	GE-4	Algebra	9	6	54	2019	]		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019	]		
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2019			
V	CHEMISTRY	CC-12	Organic Chemistry-V	9	6	54	2019	0.75	0.75	
V	CHEMICTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019	8.75	8.75	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	8	6	48	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	10	6	60	2020	9.50	0.50	Q
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	] 9.30	9.50	
	CHEMISTRI	DSE-4	Inorganic Materials of Industrial Importance 9 6 54				2020	]		
	nulative Grade Point Aver	<u> </u>					Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Ellilancement Course	7 to below 8	A (very dood)	DCIOW 4	I' (I'all)	semesters not cleared]
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	B+ (G000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ANJAN DAS Honours: MATHEMATICS Roll No. 170331000013

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
		CC-2	Algebra	7	6	42	2017	6.50	C 15	
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	6.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus		6	30	2018	1		
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	5.50	6.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	Digitoly WILE	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	1		
III		CC-7	Numerical Methods 5 6 30					4.67	5.08	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018	1		
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	NA	6	NA		1		
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	1		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			SNC
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V		CC-12	Mechanics I	4	6	24	2019	5.75	5.75	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	1		\
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	WIATHEWIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	] 10.00	10.00	Q
		DSE-4	Mechanics II 10 6 60							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result:	PNC

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ANJAN PRAMANIK Honours: CHEMISTRY Roll No. 170331000014

Semester	Subject Con		Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2018			
		CC-2	Physical Chemistry-I	7	6	42	2018			
I	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018	7.50	6.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	7	6	42	2018			
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018	7.00	7.20	Q
	Communicative English/MIL	AECC-2	Physical Chemistry-II 7		2	18	2018			
		CC-5	Physical Chemistry-II	7 6 42 20		2018				
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2018			
III		CC-7	Organic Chemistry-III	8	6	48	2018	8.00	7.31	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019			
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
IV		CC-10	Organic Chemistry - IV	7	6	42	2019	6.00	6.00	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019		,	
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019			
V	CHEMISTRY	CC-12	Organic Chemistry-V	6	6	36	2019	6.75	(75	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	0.73	6.75	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	8.75	0 75	
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	0.73	75 8.75	Q
	CHEMISTRI	DSE-4	Inorganic Materials of Industrial Importance 8 6 48				2020			
	nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Foil)	the basis of CCs and DSEs.<5 or All
SEC - Skill Elillancement Course	7 to below 8	A (very dood)	DCIOW 4	` ′	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	D+ (0000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ANKAN DAS Honours: ZOOLOGY Roll No. 170331000015

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	ZOOLOGI	CC-2	Ecology	7	6	42	2017			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	6.00	6.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001 00V	CC-3	Non-chordates II	8	6	48	2018			
	ZOOLOGY	CC-4	Cell Biology	6	6	36	2018	1		
II	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2018	7.00	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	ZOOLOGY	CC-5	Chordates	6	6	36	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	6.67	6.38	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture		2	10	2018			
		CC-8	Comparative Anatomy of Vertebrates		6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019	1		
		CC-10	Immunology	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.67	6.69	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	ZUULUGY	CC-12	Genetics	8	6	48	2019	7.25	7.25	
V	7001.0CV	DSE-1	Animal Biotechnology	7	6	42	2019	1.23	1.23	Q
	ZOOLOGY	DSE-2	Parasitology	7	6	42	2019			
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020			
VI	ZUULUUY	CC-14	Evolutionary Biology	8	6	48	2020	8.00	8 00	
V I	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020	] 8.00	8.00	Q
	ZUULUU I	DSE-4	Endocrinology	9	6	54	2020			
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
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SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below $40%$	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ANKITA KANRI **Honours: MATHEMATICS** Roll No. 170331000016

Semester Subject Course		Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
		CC-2	Algebra	6	6	36	2017	]	5.91	
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	5.00		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS.	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	6.00	6.00	Q
	Communicative English/MIL AECC-2 Bengali 9 2 18 2018									
	MATHEMATICS	CC-5	Metric Spaces		6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018		- 4	
III		CC-7	Numerical Methods	9	6	54	2018	6.33	6.46	Q
	PHYSICS G	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018	]		
	MATHEMATICS	SEC-1	CC-1   Calculus, Geometry & Differential							
		CC-8	Riemann Integration and Series of Functions		6		2019			
ENVIRONMENTAL   STUDIES										
	Q									
			*						5.91 Q 6.00 Q 5.31 Q 7.00 Q	
	MATHEMATICS	SEC-2		9	2	18	2019			
	MATHEMATICS				6					
V		CC-12	Mechanics I		6			7.00	7.00	Q
	MATHEMATICS		Linear Programming		6			]		
	WIATTIEWIATTCS		-		_ ~					
	MATHEMATICS									
VI	IVITATIENIATICS				_			9.75	9.75	0
¥ 1	MATHEMATICS	DSE-3	Project Work			60		] .,,	9.75	
				60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: ANUPAM MARDI Honours: MATHEMATICS Roll No. 170331000017

Semester	Semester No. Subject Course Code Course Title		Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
*		CC-2	Algebra	6	6	36	2017	6.00	6.10	
1	PHYSICS	GE-1	Mechanics	6	6	36	2017	6.00	0.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	A CATTURE CATTURE	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	9	6	54	2018	1		
II	II PHYSICS GE	GE-2		8	6	48	2018	9.00	8.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018	]		
III		CC-7	Numerical Methods	10	6	60	2018	8.33	7.85	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
PHYSICS   GE-1   Mechanics   Ge   Ge   Ge   Ge   Ge   Ge   Ge   G	2019	]								
IV	CHEMISTRY	GE-4	Electrochemistry, Analytical &	8	6	48	2019	7.00	7.46	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	]		
	MATHEMATICS	CC-11		10	6	60	2019			
V		CC-12	Mechanics I	4	6	24	2019	7.00	7.00	Q
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019	]		\
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.77	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	1 10.00	10.00	Q
	MATHEMATICS DSE-4 Mechanics II 10 6		6	60	2020	1		L '		
	nulative Grade Point Aver				-		Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: APSANA KHATUN Honours: PHYSIOLOGY Roll No. 170331000018

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	PHYSIOI OGV	CC-1	Cellular Basis of Physiology	9	6	54	2017				
	TITISIOLOGI	CC-2	Biological Physics and Enzymes	8	6	48	2017				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	8.50	7.55	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	DIIVCIOI OCV	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018				
	PHYSIOLOGY	CC-4	Chemistry of Biomolecules	8	6	48	2018				
II	II BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	8.50	7.70	Q	
	Communicative English/MIL		Communicative AFCC-2 Communicative English		5	2	10	2018			
		CC-5	Circulating Body Fluids	8	6	48	2018				
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2018	1			
III		CC-7	Functions of The Nervous System	8	6	48	2018	8.00	7.77	Q	
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018	1			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018	1			
		CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2019			Q	
PHYSIOLOGY	54	2019									
IV		CC-10	Respiration	9	6	54	2019	9.00	8.77	Q	
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019	]			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019	]			
	DIIVCIOI OCV	CC-11	Special Senses	9	6	54	2019				
3.7	PHYSIOLOGY	CC-12	Endocrinology	9	6	54	2019	9.50	9.50		
PHYSIOLOGY	2019	9.50	9.50	Q							
	PHYSIOLOGY	DSE-2	Sports and Exercise Physiology	10	6	60	2019				
	DIIVCIOI OCV	CC-13	Reproduction	9	6	54	2020				
371	rn i Siulug i	CC-14	Formation and Excretion of Urine	9	6	54	2020	9.25	0.25		
V I	DIIVCIOI OCV	DSE-3 Human Nutrition and Dietetics		9	6	54	2020	9.23	9.25	Q	
	PH I SIULUGI	DSE-4	Toxicology 10 6 60				2020				
							Letter Gr CGPA :		Result	t : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ARIJIT GHOSHAL Honours: CHEMISTRY Roll No. 170331000019

Semester	Subject Course Little		Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2017				
	CHEWISTRI	CC-2	Physical Chemistry-I	10	6	60	2017				
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	10.00	8.36	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	CHEMICTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018				
	CHEWISTRY	CC-4	Organic Chemistry-II	9	6	54	2018				
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	9.00	8.50	Q	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018 2018 2018 2018				
		CC-5	Physical Chemistry-II	9	6	54	2018				
	CHEMISTRY	CC-6			6	54	2018				
III		CC-7	Organic Chemistry-III	9	6	54	2018	9.00	8.69	Q	
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2018				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018				
		CC-8	Physical Chemistry-III	7	6	42	2019				
	CHEMISTRY	CC-9	Inorganic Chemistry-III	9	6	54	2019				
IV		CC-10	Organic Chemistry - IV	8	6	48	2019	8.00	8.38	Q	
	ENVIRONMENTAL STUDIES  CHEMISTRY  II PHYSICS Communicative English/MIL  CHEMISTRY  III MATHEMATICS CHEMISTRY  CHEMISTRY  IV MATHEMATICS CHEMISTRY  V CHEMISTRY  V CHEMISTRY  V CHEMISTRY  VI CHEMISTRY  VI CHEMISTRY  VI CHEMISTRY  OTHER OF THE	GE-4	Algebra	9	6	54	2019				
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2019				
	CHEMICTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2019				
17	CHEWISTKI	CC-12	Organic Chemistry-V	8	6	48	2019	9.00	9.00		
CHEMISTRY	2019	9.00	9.00	Q							
	CHEWISTRY	DSE-2	Analytical Methods in Chemistry	10	6	60	2019				
	CHEMICTRY	CC-13	Inorganic Chemistry-V	10	6	60	2020				
VI	CHEWISTKI	CC-14	Physical Chemistry-IV	10	6	60	2020	10.00	10.00		
V I	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	10.00	10.00	Q	
	CHEMISTRI	DSE-4					2020				
							Letter Gr CGPA		Result	t : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Letter Grades			Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on		
SEC – Skill Enhancement Course		A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All		
SEC – Skill Elillaneement Course	7 to ociow o	A (very dood)	DCIOW 4	1 (1 a11)	semesters not cleared]		
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in		
Compulsory Course	0 to below /	D+ (0000)			C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9							
70% and above but below 80%	8	60% and above but below 70%	7							
50% and above but below 60%	6	40% and above but below 50%	5							
35% and above but below 40%	4	Below 35%	Not Awarded (NA)							

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ARIJIT PAL Honours: MATHEMATICS Roll No. 170331000020

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
		CC-2	Algebra	5	6	30	2017	5.50	5.64	
I	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018	1	6.60	
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	6.50		Q
	Communicative English/MIL	AECC-2		9	2	18	2018			
	English Wife	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	1		
III		CC-7	Numerical Methods	8	6	48	2018	6.00	5.92	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2	16	2018				
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.00	6.54	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			
V		CC-12	Mechanics I	4	6	24	2019			SNC
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
	MATHEMATICS	DSE-2	Probability & Statistics	NA	6	NA		]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS		Project Work	10	6	60	2020	10.00	10.00	Q
	IVIATHEIVIATICS	DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGP		Result:	PNC

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: ARPAN DUTTA Honours: MICROBIOLOGY Roll No. 170331000022

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2017			
		CC-2	Bacteriology	6	6	36	2017	]		
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	7.00	6.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MICDODIOLOGY	CC-3	Biochemistry	9	6	54	2018			
	MICROBIOLOGY	CC-4	Virology	7	6	42	2018	1		
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	8.00	7.60	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Microbial Physiology & Metabolism	8	6	48	2018			Q
	MICROBIOLOGY	CC-6	Cell Biology	7	6	42	2018	]		
III		CC-7	Molecular Biology	7	6	42	2018	7.33	7.23	
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018	7.55	7.23	
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	14	2018	]				
	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2019			
		CC-9	Environmental Microbiology	7	6	42	2019	]		
		CC-10	Food and Dairy Microbiology	8	6	48	2019	]		
IV	CHEMISTRY	Solution Phase Equilibria, Conductance,		7	6	42	2019	7.00	7.08	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2019	]		
	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2019			
	WICKOBIOLOGY	CC-12	Immunology	8	6	48	2019	]		
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2019	7.75	7.75	Q
		DSE-2	Instrumentation and Biotechniques	8	6	48	2019			
	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2020			
VI	IVII CRODIOLOG I	CC-14	Recombinant DNA Technology	8	6	48	2020	9.00	9.00	
V I	MICROBIOLOGY	DSE-3	Advances in Microbiology	10	6	60	2020	] 9.00	9.00	Q
	IVIICKUBIULUU I	DSE-4	Bio-Safety and Intellectual Property Rights 9 6 54					<u> </u>		
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

# Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: ARPITA CHATTOPADHYAY Honours: ZOOLOGY Roll No. 170331000023

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	ZOOLOGI	CC-2	Ecology	7	6	42	2017			
I	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017	6.00	6.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	7001.001	CC-3	Non-chordates II	7	6	42	2018			
	ZOOLOGY	CC-4	Cell Biology	6	6	36	2018	1		
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	7	6	42	2018	6.50	6.70	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
	ZOOLOGY	CC-5	Chordates	6	6	36	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems		6	42	2018		6.22	
III		CC-7	Fundamentals of Biochemistry	6	6	36	2018	6.33	6.23	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates 6			36	2019			
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
IV		CC-10	Immunology	7	6	42	2019	6.67	6.69	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019			
V	ZOOLOG1	CC-12	Genetics	7	6	42	2019	6.50	6.50	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019	0.50	0.50	Q
	ZOOLOG1	DSE-2	Parasitology	7	6	42	2019			
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020			
VI	LOOLOGI		Evolutionary Biology	9	6	54	2020	8.50	8.50	Q
V 1	ZOOLOGY	DSE-3	E-3 Animal Behaviour 8			48	2020	0.50	0.50	\ \
			Endocrinology 9 6 54				2020			
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: AUROVINDA GHOSH Honours: ZOOLOGY Roll No. 170331000024

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017			
	ZOOLOGI	CC-2	Ecology	8	6	48	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	7.50	7.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	ZOOLOGI	CC-4	Cell Biology	8	6	48	2018	]		Q
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.00	7.80	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates         8         6         48         2018		2018					
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2018		0.15	Q
III		CC-7	Fundamentals of Biochemistry 8 6				2018	8.33	8.15	٧
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
		CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
IV		CC-10	Immunology	8	6	48	2019	7.33	7.38	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	ZOOLOGI	CC-12	Genetics	8	6	48	2019	8.25	8.25	
v	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019	0.23	0.23	Q
	ZOOLOGI	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOG I	CC-14	Evolutionary Biology	9	6	54	2020	9.00	0.00	
V 1	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2020	] 9.00	9.00	Q
	ZUULUU I	DSE-4	Endocrinology 9 6 54					<u> </u>		
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA:		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: AVIJIT DAS **Honours: MATHEMATICS** Roll No. 170331000026

Semester	6.1: 4	Course Course Title			Credit	Grade	Credit		on the	Resul
No.	Subject	Code	Course 1itle	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017			
		CC-2	Algebra	7	6	42	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	7.50	7.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018	1		Q
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	8.00	7.50	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
***	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	]	6.05	
III		CC-7	Numerical Methods	9	6	54	2018	7.67	6.85	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019	]		
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019	]		
IV			Ring Theory and Linear Algebra I	7	6	42	2019	7.00	7.00	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			1
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V			Mechanics I	5	6	30	2019	6.00	6.00	Q
	MATHEMATICS		Linear Programming		6	30	2019	]		`
	WINTITIEWINTITIES		Probability & Statistics	6	6	36	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	8	6	48	2020	]		
VI	TVIZ TTTILIVIZ TTCS		Ring Theory and Linear Algebra II	10	6	60	2020	9.50	9.50	Q
4.1	MATHEMATICS		Project Work	10	6	60	2020	] 7.50	7.50	
			Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gra		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: AYANABHA ROY Honours: CHEMISTRY Roll No. 170331000027

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTKT	CC-2	Physical Chemistry-I	10	6	60	2017			
I	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2017	9.50	9.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	8	6	48	2018			Q
II	MATHEMATICS	GE-2	Differential Equations	9	6	54	2018	8.50	8.50	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5 Physical Chemistry-II		8	6	48	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II		6	54	2018			
III		CC-7	Organic Chemistry-III	9	6	54	2018	8.67	8.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019			
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
IV		CC-10	Organic Chemistry - IV	8	6	48	2019	7.33	7.38	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019			
V	CHEWISTRY	CC-12	Organic Chemistry-V	9	6	54	2019	9.00	9.00	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019	9.00	9.00	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	10	6	60	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	10	6	60	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	10	6	60	2020	9.75	9.75	
V 1	CHEMISTRY	DSE-3 Green Chemistry		10	6	60	2020	] 9./3	9.13	Q
	CHEMISTRI	DSE-4	Inorganic Materials of Industrial Importance 9 6 54				2020			
	nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All
SEC Skiii Elinancement Course	7 to below o	ri (very Good)	DCIOW 4	1 (1 411)	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	D ( (0000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA ×10) - 5.0



Name: BABAI CHANDRA DOME Honours: MATHEMATICS Roll No. 170331000028

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
		CC-2	Algebra	4	6	24	2017	1	5.10	
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.50	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6			1		
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	7.00	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	]		
III		CC-7	Numerical Methods				2018	7.33	7.38	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	6.67	7.23	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	6	6	36	2019	7.25	7.25	Q
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	]		\
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATHEIVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	] 10.00	10.00	Q
	IVIATHEIVIATICS	DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Le	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

# Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: BELA GHOSH Honours: CHEMISTRY Roll No. 170331000029

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTRI	CC-2	Physical Chemistry-I	8	6	48	2017			
I	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2017	8.50	8.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018			
	CHEWISTRY	CC-4	Organic Chemistry-II	9	6	54	2018	]		Q
II	MATHEMATICS	GE-2	Differential Equations	9	6	54	2018	9.00	9.00	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5 Physical Chemistry-II		7	6	42	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II		6	48	2018			
III		CC-7	Organic Chemistry-III	8	6	48	2018	7.67	7.69	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018	]		
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019			
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
IV		CC-10	Organic Chemistry - IV	9	6	54	2019	7.00	7.08	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
	CHEMISTRY		Inorganic Chemistry-IV	7	6	42	2019			
V	CHEWISTKT	CC-12	Organic Chemistry-V	7	6	42	2019	7.25	7.25	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	1.23	1.23	V
	CHEWISTKT	DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
VI	CHEWISTRI	CC-14	Physical Chemistry-IV	9	6	54	2020	9.25	9.25	Q
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	] 7.23	9.23	4
			Inorganic Materials of Industrial Importance	54	2020					
	nulative Grade Point Aver nulative Grade Point Aver			·		<u> </u>	Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
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SEC Skiii Elinancement Course	7 to below o	ri (very Good)	DCIOW 4	1 (1 411)	semesters not cleared]
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Compulsory Course	0 to below /	D ( (0000)			C1, C2 and C4 as applicable.

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70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: BIPLAB SAHA Honours: ZOOLOGY Roll No. 170331000030

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017			
	ZUULUGY	CC-2	Ecology	8	6	48	2017			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	7.00	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001001	CC-3	Non-chordates II	7	6	42	2018			
	ZOOLOGY	CC-4	Cell Biology	6	6	36	2018	İ		
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	6.50	7.00	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Chordates	5	6	30	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
III		CC-7	Fundamentals of Biochemistry	6	6	36 2018 6.0		6.00	6.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.33	6.46	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	7001.0CV	CC-11	Molecular Biology	7	6	42	2019			
V	ZOOLOGY	CC-12	Genetics	7	6	42	2019	7.00	7.00	
V	7001 0CV	DSE-1	Animal Biotechnology	6	6	36	2019	7.00	7.00	Q
	ZOOLOGY	DSE-2	Parasitology	8	6	48	2019			
	700L0CV	CC-13	Developmental Biology	8	6	48	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	8	6	48	2020	7.75	775	
V I	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020	] /./3	5 7.75	Q
	ZUULUGY	DSE-4	Endocrinology 8 6 48							
	nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning Joh Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below $40%$	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: BISHWARUP MUKHERJEE Honours: CHEMISTRY Roll No. 170331000032

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.		Code		(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017			
		CC-2	Physical Chemistry-I	8	6	48	2017			
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	7.50	7.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	7	6	42	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	7.50	7.00	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Physical Chemistry-II	6	6	36	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	7	6	42	2018			
III		CC-7			6.67	6.54	Q			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019			
		CC-9	Inorganic Chemistry-III	7	6	42	2019	7.00	6.85	Q
IV		CC-10	Organic Chemistry - IV	9	6	54	2019			
	MATHEMATICS	GE-4	Algebra	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019			
V	CHEMISTRI	CC-12	Organic Chemistry-V	7	6	42	2019	7.00	7.00	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019	7.00	7.00	Q
	CHEWISTRY	DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEMISTRI	CC-14	Physical Chemistry-IV	9	6	54	2020	8.75	0.75	Q
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	0.73	8.75	٧
	CHEWISTKI	DSE-4	Inorganic Materials of Industrial Importance 8 6 48				2020			
	nulative Grade Point Avenulative Grade Point Avenulative Grade Point Avenue						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: BROJOGOPAL MONDAL Honours: MATHEMATICS Roll No. 170331000034

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
т.		CC-2	Algebra	6	6	36	2017	5.50	5.01	
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.50	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018	1	5.60	Q
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	5.00		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	1		
III		CC-7	Numerical Methods 6		6	36	2018	5.00	5.77	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2	18	2018	]			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
		CC-9	Multivariate Calculus	5	6	30	2019	1		
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	1		
IV	CHEMISTRY		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	5.67	6.54	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	1		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	4	6	24	2019	6.00	6.00	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	1		\
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Mechanics II	54	2020	1				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

OTHER TOTAL			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: BUBAI SARKAR Honours: MATHEMATICS Roll No. 170331000035

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017				
		CC-2	Algebra	6	6	36	2017	6.50	C 45		
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	6.50	6.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018	1			
II	PHYSICS	GE-2	Electricity and Magnetism	*					7.20	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018				
	MATHEMATICS	CC-6	Group Theory I	9	6	54	2018	]			
III		CC-7	Numerical Methods 9 6 54		2018	8.67	8.62	Q			
	CHEMISTRY GE-		Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018				
	MATHEMATICS	SEC-1	Logic and Sets	2	20	2018					
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019				
		CC-9	Multivariate Calculus	7	6	42	2019				
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019	]			
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019	8.33	8.62	Q	
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019				
V		CC-12	Mechanics I	8	6	48	2019	8.75	8.75	Q	
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019	]		`	
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019	]			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020				
VI	IVIATHEMIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00		
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q	
	IVIATHEIVIATICS	DSE-4	Mechanics II 10 6 60				2020				
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA:		Result	: Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: CHUMKI DEY **Honours: MATHEMATICS** Roll No. 170331000036

Semester	Carbin at	Course Course Title			Credit	Grade	Credit	1	on the	Resul
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017			
		CC-2	Algebra	8	6	48	2017			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic 7			2017	8.00	7.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018	]		
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.50	8.20	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	A CATHER CATHER	Theory of Real Functions & Introduction to Metric Spaces		7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	10	6	60	2018	7.67	7.54	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019			
IV			Ring Theory and Linear Algebra I	8	6	48	2019	8.33	8.15	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	7	6	42	2019	8.25	8.25	Q
	MATHEMATICS		Linear Programming	9	6	54	2019			
	WATHEWATICS		Probability & Statistics	9	6	54	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVITATILLIVITATICS		Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
¥ 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	
		DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA:		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1-1		1-1			
Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l E(Egil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: DEBABRATA MONDAL Honours: CHEMISTRY Roll No. 170331000037

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTRI	CC-2	Physical Chemistry-I	9	6	54	2017			
I	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017	9.00	8.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	9	6	54	2018		9.00	
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2018	9.50		Q
	Communicative English/MIL	AECC-2	ž		2	18	2018			
			Physical Chemistry-II	9	6	54	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2018			
III		CC-7	Organic Chemistry-III	9	6	54	2018	8.67	8.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019			
		CC-9	Inorganic Chemistry-III	9	6	54	2019	7	7.77	Q
IV		CC-10	Organic Chemistry - IV	9	6	54	2019	8.33		
	PHYSICS	GE-4 Waves and Optics		6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019			
V	CHEWISTRY	CC-12	Organic Chemistry-V	8	6	48	2019	8.50	8.50	
V	CHEMICTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019	8.50	8.50	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	9	6	54	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	10	6	60	2020	9.50	9.50	
V I	CHEMISTRY	DSE-3 Green Chemistry 10		10	6	60	2020	9.50	9.30	Q
	CHEMISTRY	DSE-4	Inorganic Materials of Industrial Importance 9 6 54				2020	]		
	nulative Grade Point Aver		Letter Grade in CGPA : A+		: Q					
CGPA (Cur	nulative Grade Point Aver	rage) on th	e basis of All Courses : 8.49				CGPA	. A <sup>™</sup>		

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Ellilancement Course	7 to below 8	A (very dood)	DCIOW 4	I' (I'all)	semesters not cleared]
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	B+ (G000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

## Percentage of Conversion Formula:

= (SGPA or CGPA ×10) - 5.0



Name: DEBALINA MANDAL **Honours: MATHEMATICS** Roll No. 170331000038

Semester	C. Lind	Course Course Title			Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
		CC-2	Algebra	5	6	30	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017	5.00	5.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS.	CC-3	Real Analysis	42	2018					
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements  6 36 2018		2018	7.00	6.90	Q		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
***	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018		6.46	
III		CC-7	Numerical Methods	8	6	48	2018	6.33	6.46	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019	]		
IV			Ring Theory and Linear Algebra I	6	6	36	2019	7.00	6.69	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019	]		
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	6	6	36	2019	7.75	7.75	Q
	MATHEMATICS		Linear Programming	8	6	48	2019			
	MATHEMATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	WIATHEWATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60 2020		] 10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020	]				
	nulative Grade Point Aven						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC - Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: DEBANWITA GHATAK Honours: MATHEMATICS Roll No. 170331000039

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
		CC-2	Algebra	6	6	36	2017	]	5.01	
I	PHYSICS	GE-1	Mechanics	7	6	42	2017	5.00	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	7.50	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	1.1.	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018	]		
III		CC-7	Numerical Methods	9	6	54	2018	8.00	8.08	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	8	6	48 2018	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	]		
IV	CHEMISTRY GE-		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.00	7.23	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Mechanics I	5	6	30	2019	6.25	6.25	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	]		\
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATHEMIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10 00 1		Q
	IVIATHEIVIATICS	DSE-4	Mechanics II	60	2020					
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

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50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: DEBJIT GHOSH Honours: BOTANY Roll No. 170331000040

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course ritte	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017			
	DOTAINT	CC-2	Archegoniatae	5	6	30	2017			
I	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2017	5.00	6.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	DOTANIA	CC-3	Mycology and Phytopathology	4	6	24	2018			
	BOTANY	CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018			
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	6	6	36	2018	4.50	5.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Plant Ecology and Phytogeography	7	6	42	2018			
	BOTANY	CC-6	Plant Systematics	7	6	42	2018	1		
III		CC-7	Economic Botany	7	6	42	2018	7.00	6.38	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2018	]		
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018			
	BOTANY		Palaeobotany & Palynology	9	6	54	2019			
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
IV		CC-10	Molecular Biology	7	6	42	2019	7.67	8.00	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
	BOTANY	CC-11	Plant Physiology	8	6	48	2019			
V	BOTANT	CC-12	Plant Metabolism	8	6	48	2019	8.00	8.00	Q
v	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	8.00	8.00	Q
	BOTANT	DSE-2	Bioinformatics	8	6	48	2019			
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020			
VI	DOTANT	CC-14	Plant Biotechnology	8 7	6	48	2020	7.50	7.50	Q
V 1	BOTANY DSE-3 Plant Evolution & Biodiversity				6	42	2020	/.50	7.50	٧
	DOTANT	DSE-4	Industrial and Environmental Microbiology 7 6 42							
	mulative Grade Point Ave mulative Grade Point Ave						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

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Aninga Zoh Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: DIBYENDU GHOSH Honours: MATHEMATICS Roll No. 170331000042

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
		CC-2	Algebra	4	6	24	2017	5.00	5.10	
I	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.00	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	A CAMPAGE AND A CAMPAGE	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
II	PHYSICS		Electricity and Magnetism	5	6	30	2018	5.50	5.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	]		
III		CC-7	Numerical Methods 7 6 42				2018	6.33	6.00	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	]		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.00	5.77	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	5	6	30	2019	6.00	6.00	Q
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	]		\
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATHEIVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	] 10.00	10.00	Q
	IVIATHEIVIATICS	DSE-4	Mechanics II         10         6         60							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: DIBYENDU MONDAL Honours: ZOOLOGY Roll No. 170331000043

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017			
	ZOOLOGI	CC-2	Ecology	8	6	48	2017			
I	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	6	6	36	2017	7.00	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001 00V	CC-3	Non-chordates II	4	6	24	2018			
	ZOOLOGY	CC-4	Cell Biology	4	6	24	2018	1		
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	6	6	36	2018	4.00	5.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	ZOOLOGY	CC-5 Chordates		4	6	24	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
III		CC-7	Fundamentals of Biochemistry	6	6	36	2018	5.33	5.23	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	5	6	30	2018			
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2018			
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019			
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
IV		CC-10	Immunology	6	6	36	2019	5.67	5.54	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	5	6	30	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019			
V	ZOOLOGI	CC-12	Genetics	6	6	36	2019	5.75	5.75	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019	3.73	3.73	(
	ZOOLOGI	DSE-2	Parasitology	7	6	42	2019			
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020			
VI	LOOLOGI	CC-14	Evolutionary Biology	8	6	48	2020	8.25	8.25	Q
V 1	7001.0GV	DSE-3	Animal Behaviour	8	6	48	2020	0.23	0.23	4
	ZOOLOGY DSE-4		Endocrinology 9 6 54				2020			
	nulative Grade Point Aver nulative Grade Point Aver	<u> </u>					Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: GOURANGA MONDAL Honours: PHYSICS Roll No. 170331000044

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2017			
	11113103	CC-2	Mechanics	8	6	48	2017			
I	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2017	8.00	8.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2018			
	PHISICS	CC-4	Waves and Optics	8	6	48	2018		8.70	Q
II	MATHEMATICS	GE-2	Differential Equations	9	6	54	2018	8.50		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Mathematical Physics-II	8	6 48 20		2018			
	PHYSICS	CC-6	Thermal Physics	7	6	42	2018	]		
Ш		CC-7	Digital Systems and Applications	9	6	54	2018	8.00	8.31	Q
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	54	2018	0.00	0.51	
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2018			
	PHYSICS	CC-8	Mathematical Physics-III		6	42	2019			
		CC-9	Elements of Modern Physics	8	6	48	2019			
		CC-10	Analog Systems & Applications	8	6	48	2019			
IV	CHEMISTRY GE		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	7.67	7.77	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2019			
V	PHISICS	CC-12	Solid State Physics	8	6	48	2019	7.00	7.00	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019	] /.00	7.00	V
	FILISICS	DSE-2	Classical Dynamics	5	6	30	2019			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI	PHISICS	CC-14	Statistical Mechanics	9	6	54	2020	8.50	9.50	
V I	PHYSICS	DSE-3 Nuclear and Particle Physics			6	42	2020	8.30	8.50	Q
	FILISICS	DSE-4	Nuclear and Particle Physics7642Astronomy and Astrophysics9654							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

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Aning Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
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50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: IMTIAJ SEIKH Honours: PHYSIOLOGY Roll No. 170331000046

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ı	on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	PHYSIOI OGV	CC-1	Cellular Basis of Physiology	8	6	48	2017				
	THIBIOLOGI	CC-2	Biological Physics and Enzymes	7	6	42	2017				
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017	7.50	7.09	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	DIIVCIOI OCV	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2018				
	rn i siolog i	CC-4	Chemistry of Biomolecules	7	6	42	2018				
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018	7.50		Q	
	Communicative English/MIL		Bengali	9	2	18	2018				
		CC-5	Circulating Body Fluids	7	6	42	2018				
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2018	1			
III		CC-7	Functions of The Nervous System	8	6	48	2018	7.67	7.31	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2018	]			
	PHYSIOLOGY	SEC-1	CC-7 Functions of The Nervous System 8 GE-3 Plant Anatomy and Embryology 6 EC-1 Detection of Food Additives/Adulterants 8 CC-8 Energy Balance, Metabolism and Nutrition 8	2	16	2018	7				
		CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2019				
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2019				
IV		CC-10	Respiration	9	6	54	2019	8.67	8.46	Q	
	PHYSIOLOGY  ZOOLOGY ENVIRONMENTAL STUDIES  PHYSIOLOGY  CC-3 Physiology of CC-4 Chemistry of E Biological Physiology of CC-4 CC-4 Chemistry of E Biology of Very Communicative English/MIL  PHYSIOLOGY  PHYSIOLOGY  CC-5 Circulating Boology of CC-6 Circulation CC-7 Functions of T BOTANY PHYSIOLOGY  PHYSIOLOGY  PHYSIOLOGY  CC-8 Energy Balance CC-9 Gastrointestina CC-10 Respiration BOTANY PHYSIOLOGY   Plant Physiology and Metabolism	8	6	48	2019	]					
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2019	]			
	DITACIOI OCA	CC-11	Special Senses	9	6	54	2019				
V	PHYSIOLOGY	CC-12	Endocrinology	9	6	54	2019	9.50	9.50		
V	DITACIOI OCA	DSE-1	Biological Statistics	10	6	60	2019	9.50	9.50	Q	
	PHYSIOLOGY	DSE-2	Sports and Exercise Physiology	10	6	60	2019				
	DITACIOI OCA	CC-13	Reproduction	9	6	54	2020				
VI	PH I SIULUU I	CC-14	Formation and Excretion of Urine	9	6	54	2020	9.25	0.25		
V I	DIIVCIOI OCV	DSE-3 Human Nutrition and Dietetics		9	6	54	2020	9.23	9.25	Q	
	F II I SIULUU I	DSE-4					2020				
							Letter Gra		Result	t : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: INDRAJIT MUKHERJEE Honours: ZOOLOGY Roll No. 170331000047

Semester No. Subject Course Code Course Title		Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result		
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017	]		
	ZOOLOGI	CC-2	23	8	6	48	2017	]		
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017	8.00	7.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001 0CV	CC-3	Non-chordates II	9	6	54	2018			
	ZOOLOGY	CC-4	Cell Biology	7	6	42	2018	1		
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	8.00	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates	8	6	48	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018	]		
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	8.00	7.92	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2018	]		
	ZOOLOGY	CC-1         Non-chordates I         8         6         48         2017           CC-2         Ecology         8         6         48         2017           GE-1         Biodiversity (Microbes, Algae, Fungi and Archegoniatae)         7         6         42         2017           AECC-1         Fundamentals of Environmental Studies         7         4         28         2017           CC-3         Non-chordates II         9         6         54         2018           CC-4         Cell Biology         7         6         42         2018           GE-2         Plant Ecology and Taxonomy         7         6         42         2018           AECC-2         Bengali         9         2         18         2018           CC-5         Chordates         8         6         48         2018           CC-5         Chordates         8         6         48         2018           CC-6         Chordates         8         6         48         2018           CC-6         Chordates         8         6         48         2018           CC-7         Fundamentals of Biochemistry         8         6         48         2018	2018							
		CC-8	Comparative Anatomy of Vertebrates		6	42	2019			
STUDIES   AECC-1   F	Animal Physiology: Life Sustaining Systems	7	6	42	2019	]				
IV		CC-10	2,3	8	6	48	2019	7.33	7.38	Q
1,	PHYSIOLOGY	GE-4		8	6	48	2019	7.55	7.50	Į Ų
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	7001.0GV	CC-11	Molecular Biology	8	6	48	2019			
<b>V</b> 7	ZUULUGI	CC-12	Genetics	8	6	48	2019	8.25	8.25	
IV PHY ZOO ZOO V	7001 0CV	DSE-1	Animal Biotechnology	8	6	48	2019	0.23	8.23	Q
	ZUULUGI	DSE-2	Parasitology	9	6	54	2019	]		
	7001.0CV	CC-13	Developmental Biology	9	6	54	2020			
VI	ZUULUU I	CC-14	Evolutionary Biology	8	6	48	2020	8.50	9.50	
V 1	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020	] 8.30	8.50	Q
							2020			
	nulative Grade Point Aver						Letter Gr CGPA :		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning you by Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC - Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: JAYANTA ACHARYYA Honours: MATHEMATICS Roll No. 170331000048

Semester		Course		Grade	Credit	Grade	Credit	1	on the	Resul
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
		CC-2	Algebra	4	6	24	2017	1	4.01	
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.00	4.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018	1		
II	II PHYSICS GE-2	GE-2	Electricity and Magnetism	6	6	36	2018	5.00	5.70	Q
	Communicative		Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	]		1
III		CC-7	Numerical Methods	8	6	48	2018	6.00	6.15	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018	$\perp$		
		CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
	Communicative English/MIL  MATHEMATICS  III  CHEMISTRY  MATHEMATICS  IV  CHEMISTRY  MATHEMATICS  IV  CHEMISTRY  MATHEMATICS  MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.00	5.85	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	6	6	36	2019	6.00	6.00	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	]		`
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATREMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning zoh Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9							
70% and above but below 80%	8	60% and above but below 70%	7							
50% and above but below 60%	6	40% and above but below 50%	5							
35% and above but below 40%	4	Below 35%	Not Awarded (NA)							

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: JOY BASKI Honours: CHEMISTRY Roll No. 170331000050

Semester	Subject Course Little		Grade	Credit	Grade	Credit		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY		·	8	6	48	2017			
	CHEMISTRI	CC-2	Physical Chemistry-I	6	6	36	2017			
I	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2017	7.00	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018			
	CHEWISTRY	CC-4	Organic Chemistry-II	7	6	42	2018			
II	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018	6.50	6.20	Q
	Communicative English/MIL		<u> </u>		2	16	2018			
		CC-5	Physical Chemistry-II	6	6	36	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II		6	48	2018			
III		CC-7	Organic Chemistry-III	5	6	30	2018	6.33	6.77	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	CHEMISTRY SI		Basic Analytical Chemistry	7	2	14	2018			
		CC-8	Physical Chemistry-III	5	6	30	2019			
	CHEMISTRY	CC-9	Inorganic Chemistry-III	6	6	36	2019			
IV		CC-10	Organic Chemistry - IV	7	6	42	2019	6.00	6.15	Q
	PHYSICS			6	6	36	2019			
	CHEMISTRY	SEC-2	Course Title							
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019			
3.7	CHEWISTRY	CC-12	Organic Chemistry-V	7	6	42	2019	7.00	7.00	
IV P	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	7.00	7.00	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	0 75	0 75	
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	0.73	8.75	Q
	CHEMISTRI	DSE-4	·				2020			
									Result	: Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	( )		the basis of CCs and DSEs.<5 or All
SEC Skiii Elinancement Course	7 to below o	ri (very Good)	DCIOW 4	1 (1 411)	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	D ( (0000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9						
70% and above but below 80%	8	60% and above but below 70%	7						
50% and above but below 60%	6	40% and above but below 50%	5						
35% and above but below 40%	4	Below 35%	Not Awarded (NA)						

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: KAJAL TUDU Honours: CHEMISTRY Roll No. 170331000051

Semester	Cubicat	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2017			
	CHEWISTKT	CC-2	Physical Chemistry-I	8	6	48	2017			
I	PHYSICS	GE-1	Mechanics	5	6	30	2017	8.00	6.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	5	6	30	2018			
	CHEMISTRI	CC-4	Organic Chemistry-II	7	6	42	2018			Q
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	6.00	6.30	
	Communicative English/MIL	AECC-2	Physical Chemistry-II		2	18	2018			
		CC-5	Physical Chemistry-II	5	6	30	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	6	6	36	2018			
III		CC-7	Organic Chemistry-III	5	6	30	2018	5.33	5.08	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019			
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
IV		CC-10	Organic Chemistry - IV	6	6	36	2019	5.67	6.08	Q
	MATHEMATICS	GE-4	Algebra	7	6	42	2019		,	
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019			
V	CHEMISTRY	CC-12	Organic Chemistry-V	6	6	36	2019	6.25	( )5	
V	CHEMICTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019	6.25	6.25	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	7	6	42	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	8	6	48	2020	7.75	7.75	
V 1	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020	] /./3	1.13	Q
	CHEMISTRI	DSE-4	Inorganic Materials of Industrial Importance 7 6 42							
	nulative Grade Point Aver							Letter Grade in CGPA: B+		: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

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Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Ellilancement Course	7 to below 8	A (very dood)	DCIOW 4	I' (I'all)	semesters not cleared]
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	B+ (G000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: KALYAN MONDAL Honours: CHEMISTRY Roll No. 170331000052

Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained	1	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTKT	CC-2	Physical Chemistry-I	8	6	48	2017			
I	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017	8.50	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018			
	CHEWISTKI	CC-4	Organic Chemistry-II	8	6	48	2018			Q
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018	8.00	7.90	
	Communicative English/MIL	AECC-2	3		2	20	2018			
				7	6	42	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2018			
III		CC-7	Organic Chemistry-III	7	6	42	2018	7.33	7.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019			
		CC-9	Inorganic Chemistry-III	7	6	42	2019			
IV		CC-10	Organic Chemistry - IV	7	6	42	2019	6.33	6.38	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019			
V	CHEWISTRY	CC-12	Organic Chemistry-V	7	6	42	2019	7.25	7.25	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	7.23	1.23	Q
	CHEWISTRY	DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2020			
VI	CHEMISTRI	CC-14	Physical Chemistry-IV	9	6	54	2020	8.50	8.50	
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	] 8.50	0.50	Q
	CHEMISTRI	DSE-4	Inorganic Materials of Industrial Importance 8 6 48							
	GPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.61  GPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48								Letter Grade in CGPA : A Result	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All		
SEC Skiii Elinancement Course	7 to below o	ri (very Good)	DCIOW 4	1 (1 411)	semesters not cleared]		
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in		
Compulsory Course	0 to below /	D ( (0000)			C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### Percentage of Conversion Formula:

= (SGPA or CGPA ×10) - 5.0



Name: KIRAN DATTA **Honours: PHYSIOLOGY** Roll No. 170331000053

Semester	6.11.4	Course	C Trial	Grade	Credit	Grade Point	Credit	ı	on the	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	(GXV)	Retained Year	CCs & DSEs	All Courses	Code	
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	7	6	42	2017				
	IIIISIOLOGI	CC-2	Biological Physics and Enzymes	7	6	42	2017				
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017	7.00	7.18	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017				
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018				
	PHISIOLOGI	CC-4	Chemistry of Biomolecules	7	6	42	2018	]			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018	8.00	7.90	Q	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018				
		CC-5	Circulating Body Fluids	6	6	36	2018				
	PHYSIOLOGY	CC-6	Circulation	6	6	36	2018	1			
III		CC-7	Functions of The Nervous System	7	6	42	2018	6.33	6.62	Q	
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018				
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018				
	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	7	6	42	2019				
		CC-9	Gastrointestinal Function	8	6	48	2019				
IV		CC-10	Respiration	7	6	42	2019	7.33	7.31	Q	
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019				
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2019				
	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2019				
V	PHISIOLOGI	CC-12	Endocrinology	9	6	54	2019	9.00	9.00		
V	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2019	9.00	9.00	Q	
	PHISIOLOGI	DSE-2	Sports and Exercise Physiology	9	6	54	2019				
	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2020				
VI	FH I SIULUU I	CC-14	Formation and Excretion of Urine	9	6	54	2020	9.25	0.25		
V 1	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2020	9.23	9.25	Q	
	F II I SIULUU I	DSE-4	Toxicology 10 6 60				2020				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gra		Result	t : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Bohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: KRISHNENDU DAS Honours: ZOOLOGY Roll No. 170331000054

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2017			
	ZOOLOGI	CC-2	Ecology	8	6	48	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	8.50	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018			
	ZUULUGY	CC-4	Cell Biology 7		6	42	2018	]		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.50	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Chordates	7	6	42	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018		<b>5.01</b>	
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	7.33	7.31	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
IV		CC-10	Immunology	8	6	48	2019	7.00	7.31	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019			
V	ZOOLOGI	CC-12	Genetics	5	6	30	2019	6.25	6.25	
V	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019	0.23	0.23	Q
	ZOOLOGI	DSE-2	Parasitology	8	6	48	2019	]		
	7001 0CV	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGY	CC-14	Evolutionary Biology	9	6	54	2020	8.75	8.75	
V I	700L0CV	DSE-3	Animal Behaviour	8	6	48	2020	] 8./3	8./3	Q
	ZOOLOGY	DSE-4	Endocrinology 9 6 54					1		
	nulative Grade Point Aver				•	•	Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- =  $(SGPA \text{ or } CGPA \times 10) 5.0$
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: KUNTAL ROY Honours: MATHEMATICS Roll No. 170331000055

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017			
		CC-2	Algebra	9	6	54	2017	]	8.09	
I	PHYSICS	GE-1	Mechanics	7	6	42	2017	9.00		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	A A THE LANGE	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018	1		
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	8.00	8.20	Q
	Communicative English/MIL	AECC-2		10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018	1		
III		CC-7	Numerical Methods 9 6 54					7.67	7.38	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018	1		
		CC-8	Riemann Integration and Series of Functions		6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019	]		
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019	1		
IV	CHEMISTRY G		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.67	7.69	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	6	6	36	2019	7.00	7.00	Q
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	]		\
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS		Project Work	10	6	60	2020	10.00	0 10.00	Q
	IVIATHEIVIATICS	DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA :		Result	t : Q

Date of Publication of Result: 29.10.2020

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Aninga Zoh Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: LOKNATH BAGDI Honours: MATHEMATICS Roll No. 170331000056

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
т		CC-2	Algebra	4	6	24	2017	1.50	5.00	
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.50	5.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018	1		
II	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018	5.00	5.50	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	1.6	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA				
III		CC-7	Numerical Methods	5	6	30	2018			SNC
	CHEMISTRY	GE-3	hemical Energetic, Equilibria, Organic hemistry 6 6 36 36 organic and Sets 7 2 14							
	MATHEMATICS	SEC-1	Logic and Sets	2018						
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	4.67	5.31	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V		CC-12	Mechanics I	NA	6	NA				SNC
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	1		
	MATHEMATICS	DSE-2	Probability & Statistics	4	6	24	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
3.77	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020	]				
	nulative Grade Point Aver						Letter Gr CGP		Result:	PNC

Date of Publication of Result: 29.10.2020

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Aning yor Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: MADHUMITA PAUL Honours: PHYSICS Roll No. 170331000057

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	4	6	24	2017			
	11113103	CC-2	Mechanics	5	6	30	2017			1
I	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2017	4.50	5.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	PHYSICS	CC-3	Electricity and Magnetism	6	6	36	2018			
	PHISICS	CC-4	Waves and Optics	7	6	42	2018		6.30	
II	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018	6.50		Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2018			
		CC-6	Thermal Physics	5	6	30	2018			
III		CC-7	Digital Systems and Applications	7	6	42	2018	5.67	5.92	Q
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018	3.07		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2018			
	PHYSICS	CC-8	•		6	30	2019			
		CC-9	Elements of Modern Physics	5	6	30	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019	1	5.85	Q
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.33		
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019			
V	PHISICS	CC-12	Solid State Physics	6	6	36	2019	5.75	5.75	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019	3.73	3.73	Ų
	PHISICS	DSE-2	Classical Dynamics	4	6	24	2019			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI	FILI SICS	CC-14	Statistical Mechanics	9	6	54	2020	8.50	9.50	Q
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	8.30	8.50	
	11113103	DSE-4	Astronomy and Astrophysics 8 6 48							
	DSE-4 Astronomy and Astrophysics 8 6 48 2020  GGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.22  GGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.27  GGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.27  Result : Q									

Date of Publication of Result: 29.10.2020

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Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: MADHUSREE MOSAN Honours: BOTANY Roll No. 170331000059

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	]		
	DOTAIVI	CC-2	Archegoniatae	9	6	54	2017	]		
I	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2017	8.00	8.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2018			
	BUTANT	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2018	]	8.10	Q
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018	8.00		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Plant Ecology and Phytogeography	gy and Phytogeography 8 6		48	2018			
	BOTANY	CC-6	Plant Systematics	8	6	48	2018	]		
III		CC-7	Economic Botany	10	6	60	2018	8.67	8.08	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018	1		
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018	]		
		CC-8	Palaeobotany & Palynology		6	54	2019			
	BOTANY	CC-9	Biomolecules and Cell Biology	8	6	48	2019	1		
IV		CC-10	Molecular Biology	9	6	54	2019	8.67	8.46	Q
1 4	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019	0.07	0.40	
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019	]		
	BOTANY	CC-11	Plant Physiology	9	6	54	2019			
V	BUTANY	CC-12	Plant Metabolism	9	6	54	2019	8.25	8.25	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	0.23	8.23	Q
	BUTANT	DSE-2	Bioinformatics	7	6	42	2019	]		
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020			
VI	DUTANT	CC-14	Plant Biotechnology	9	6	54	2020	9.00	9.00	
V 1	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020	] 9.00	9.00	Q
	DUTANY	DSE-4	Industrial and Environmental Microbiology 9 6 54				2020			
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA :		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: MAHADEB BANERJEE Honours: MATHEMATICS Roll No. 170331000060

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
т.		CC-2	Algebra	6	6	36	2017	6.00	6.18	
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	6.00	6.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018	8.00	7.60	Q
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL		Communicative English	7	2	14	2018			
	1.6	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
III	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	10	6	60	2018	8.00	7.85	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019	]		
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019	]		
IV	CHEMISTRY		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.00	6.54	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	1		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Mechanics I	6	6	36	2019	7.25	7.25	Q
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			`
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.77	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	2020	1					
	nulative Grade Point Aver nulative Grade Point Aver				•		Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared	
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: MANABENDRA PAL **Honours: MATHEMATICS** Roll No. 170331000062

Semester	C. Lind	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
		CC-2	Algebra	5	6	30	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	cids And Bases, Redox Reactions, General rganic Chemistry & Aliphatic 8					6.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	A A THE MATTER	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018		8.40	Q
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	8.50		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2018			
	MATHEMATICS	CC-5	Metric Spaces		6	42	2018			
***		CC-6	Group Theory I	6	6	36	2018		7.00	
III		CC-7	Numerical Methods	9	6	54	2018	7.33	7.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019	]		
IV			Ring Theory and Linear Algebra I	9	6	54	2019	7.33	7.23	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019	]		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Mechanics I	5	6	30	2019	7.25	7.25	Q
	MATHEMATICS		Linear Programming	9	6	54	2019			
	WATTEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	WIATHEWATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	_
V I	MATHEMATICS	DSE-3 Project Work			6	60	2020	] 10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020	]				
	nulative Grade Point Aven						Letter Gr CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: MANGAL MOY HALDER Honours: PHYSIOLOGY Roll No. 170331000063

Semester	G 1: 4	Course	C Tru	Grade	Credit	Grade	Credit	1	on the	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code	
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2017				
	IIIISIOLOGI	CC-2	Biological Physics and Enzymes	8	6	48	2017				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	8.00	7.09	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	DIIVCIOI OCV	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018				
	PHYSIOLOGY	CC-4	Chemistry of Biomolecules	48	2018	]					
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	8.50	8.10	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
		CC-5	Circulating Body Fluids	6	6	36	2018				
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2018	1			
III		CC-7	Functions of The Nervous System	7	6	42	2018	7.00	6.85	Q	
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2018	1			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018	]			
	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition		6	48	2019				
		CC-9	Gastrointestinal Function	8	6	48	2019				
IV		CC-10	Respiration	8	6	48	2019	8.00	8.08	Q	
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019				
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019				
	DITACIOI OCA	CC-11	Special Senses	9	6	54	2019				
V	PHYSIOLOGY	CC-12	Endocrinology	9	6	54	2019	9.50	9.50		
V	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2019	9.50	9.30	Q	
	PHYSIOLOGY	DSE-2	Sports and Exercise Physiology	10	6	60	2019				
	DIIVCIOI OCV	CC-13	Reproduction	9	6	54	2020				
3.71	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	9	6	54	2020	0.25	0.25		
VI	DIIVCIOI OCV	DSE-3 Human Nutrition and Dietetics 9		9	6	54	2020	9.25	9.25	Q	
	PHYSIOLOGY	DSE-4	Toxicology	60	2020	1					
	DSE-4 Toxicology 10 6 60  GPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50  GPA (Cumulative Grade Point Average) on the basis of All Courses : 8.14						Letter Grade in CGPA : A+		Result	Result : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared	
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.	

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below $80%$	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below $40%$	4	Below 35%	Not Awarded (NA)	

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: MD AFROJ ALAM Honours: ZOOLOGY Roll No. 170331000064

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017				
	ZOOLOGI	CC-2	Ecology	6	6	36	2017				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	6.00	5.73	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	7001.001/	CC-3	Non-chordates II	5	6	30	2018				
	ZOOLOGY	CC-4	Cell Biology	5	6	30	2018	1			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018	5.00	5.60	Q	
	Communicative English/MIL	AECC-2 Bengali		8	2	16	2018				
	ZOOLOGY	CC-5		Chordates	5	6	30	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2018	]			
III		CC-7	Fundamentals of Biochemistry	5	6	30	2018	5.00	5.31	Q	
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018	]			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018				
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019				
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019	]			
IV		CC-10	Immunology	6	6	36	2019	5.67	5.77	Q	
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2019	3.07	3.77	V	
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019				
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019				
V	ZOOLOGI	CC-12	Genetics	5	6	30	2019	5.50	5.50		
V	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019	3.30	3.30	Q	
	ZOOLOGI	DSE-2	Parasitology	6	6	36	2019				
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020				
VI	ZOOLOGI	CC-14	Evolutionary Biology	8	6	48	2020	8.25	8.25		
V 1	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020	0.23	8.23	Q	
	ZUULUGY	DSE-4	Endocrinology 8 6 48				2020	]			
	nulative Grade Point Aver nulative Grade Point Aver	<u> </u>					Letter Gra		Result	t : Q	

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning you yoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I E (Eoil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: MD GIYAS ALI Honours: BOTANY Roll No. 170331000065

Semester		Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017			
	BOTANT	CC-2	Archegoniatae	6	6	36	2017			
I	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2017	5.50	5.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018			
	BUTANT	CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018	]		
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018	5.50	5.80	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
		CC-5	Plant Ecology and Phytogeography	6	6	36	2018			
	BOTANY	CC-6	Plant Systematics	8	6	48	2018	1		
III		CC-7	Economic Botany	7	6	42	2018	7.00	6.46	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	5	6	30	2018	1		
	BOTANY	SEC-1	Agricultural Botany	12	2018	1				
	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019			
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
IV		CC-10	Molecular Biology	7	6	42	2019	8.00	7.54	Q
1 V	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2019	8.00	7.54	
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
	BOTANY	CC-11	Plant Physiology	8	6	48	2019			
V	BUIANY	CC-12	Plant Metabolism	7	6	42	2019	7.75	7.75	
V	DOTANIZ	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	1./3	7.75	Q
	BOTANY	DSE-2	Bioinformatics	8	6	48	2019			
	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2020			
VI	BUTANT	CC-14	Plant Biotechnology	8	6	48	2020	7.25	7.25	
V I	DSE-3 Plant Evolution & Biodiversity			7	6	42	2020	1.23	1.23	Q
	BOTANY	DSE-4	Industrial and Environmental Microbiology 7 6 42				2020			
	nulative Grade Point Aver						Letter Gra		Result	t : Q

Date of Publication of Result : 29.10.2020

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Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: MILI MUKHERJEE Honours: BOTANY Roll No. 170331000069

Semester	~	Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2017			
	BOTANT	CC-2	Archegoniatae	9	6	54	2017			
I	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2017	8.50	8.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018			
	BUTANY	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2018			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018	7.50	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Plant Ecology and Phytogeography	8	6	48	2018			
	BOTANY	CC-6	Plant Systematics	9	6	54	2018	]		
III		CC-7	Economic Botany	9	6	54	2018	8.67	8.08	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018	1		
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018	]		
	BOTANY	CC-8	Palaeobotany & Palynology		6	54	2019			
		CC-9	Biomolecules and Cell Biology	9	6	54	2019	]		
IV		CC-10	Molecular Biology	7	6	42	2019	8.33	8.00	Q
1 4	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019	0.55	0.00	
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019	]		
	BOTANY	CC-11	Plant Physiology	8	6	48	2019			
V	BUTANY	CC-12	Plant Metabolism	8	6	48	2019	8.25	8.25	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	8.23	8.23	Q
	BUTANY	DSE-2	Bioinformatics	9	6	54	2019	]		
	DOTANIX	CC-13	Genetics & Plant Breeding	9	6	54	2020			
VI	BOTANY	CC-14	Plant Biotechnology	9	6	54	2020	9.00	9.00	
V 1	BOTANY	DSE-3 Plant Evolution & Biodiversity		9 6 54		54	2020	] 9.00	9.00	Q
	DUTANY	DSE-4	Industrial and Environmental Microbiology 9 6 54					]		
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA :		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning Zohi Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: MOUMITA MONDAL **Honours: MATHEMATICS** Roll No. 170331000070

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Subject	Code		(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Cod
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017			
		CC-2	Algebra	5	6	30	2017			
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	6.50	7.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.00	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
***	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018		6.15	
III		CC-7	Numerical Methods	7	6	42	2018	6.00	6.15	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	2	16	2018				
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019	]		
IV		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	5.00	5.54	Ç
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	4	6	24	2019	5.75	5.75	Q
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
	WIATHEWIATICS	DSE-2	Probability & Statistics		6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	WIATHEWATICS		Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Ç
V I	MATHEMATICS	DSE-3			6	60	2020	10.00	10.00	'
	IVIATICS	DSE-4	Mechanics II	10	6	60	2020		<u></u>	
	nulative Grade Point Avenuative Grade Point Grade Poin						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: MOUMITA SAHA **Honours: MATHEMATICS** Roll No. 170331000071

Semester		Course			Credit	Grade	Credit		on the	Resul
No.	Subject	Code	Course Title	Grade (G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
		CC-2	Algebra	5	6	30	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	4.50	5.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.00	7.10	Q
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
***	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018		5.00	
III		CC-7	Numerical Methods	8	6	48	2018	6.00	5.92	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019			
IV			Ring Theory and Linear Algebra I	5	6	30	2019	6.33	6.46	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V			Mechanics I	6	6	36	2019	7.00	7.00	Q
	MATHEMATICS		Linear Programming	7	6	42	2019	]		
	WHATTIEWHATTES		Probability & Statistics	7	6	42	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	10	6	60	2020			
VI	TVII TITLIVII TITCO		Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
¥ 1	MATHEMATICS		Project Work	10	6	60	2020	10.00	10.00	
			Mechanics II 10 6 60							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gra		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: MRIGANKA SEN Honours: CHEMISTRY Roll No. 170331000072

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTRI	CC-2	Physical Chemistry-I	8	6	48	2017			
I	PHYSICS	GE-1	Mechanics	7	6	42	2017	8.50	8.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018			
		CC-4	Organic Chemistry-II	9	6	54	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	9.00	8.30	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
		CC-5	Physical Chemistry-II	9	6	54	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2018			
III		CC-7	Organic Chemistry-III 9		6	54	2018	9.00	8.08	Q
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018			
	CHEMISTRY	SEC-1	asic Analytical Chemistry 9		2	18	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019			
		CC-9	Inorganic Chemistry-III	8	6	48	2019		8.23	Q
IV		CC-10	Organic Chemistry - IV	8	6	48	2019	7.67		
	MATHEMATICS	GE-4	Algebra	10	6	60	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019			
V	CHEWISTRY	CC-12	Organic Chemistry-V	8	6	48	2019	8.25	8.25	
V	CHEMICTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019	8.23	8.23	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	8	6	48	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	9.00	0.00	
VI	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	9.00	9.00	Q
	CHEMISTRY	DSE-4	Inorganic Materials of Industrial Importance 9 6 54				2020	]		
	GPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56  GPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31								Result : Q	
CGPA (Cur	nulative Grade Point Ave	rage) on th	e basis of All Courses : 8.31				CGPA :	A+		`

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All
SEC - Skill Elillancement Course	7 to below 8	A (very dood)	DCIOW 4	` ′	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	ory Course 6 to below / B+ (Good)		C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: NIKITA ROY Honours: BOTANY Roll No. 170331000073

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	]		
	DOTANT	CC-2	Archegoniatae	8	6	48	2017			
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017	7.50	7.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2018			
	BUTANT	CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018	]		Q
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018	6.50	6.10	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5 Plant Ecology and Phytogeography		7	6	42	2018			
	BOTANY	CC-6	Plant Systematics	9	6	54	2018	]		
III		CC-7	Economic Botany	9	6	54	2018	8.33	7.15	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	4	6	24	2018	1		
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018	]		
	BOTANY	CC-8	Palaeobotany & Palynology		6	54	2019			
		CC-9	Biomolecules and Cell Biology	8	6	48	2019	]		
IV		CC-10	Molecular Biology	8	6	48	2019	8.33	7.69	Q
1 4	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2019	0.55	7.09	Ų
	BOTANY	SEC-2	Biofertilizers	7	2	14	2019	]		
	DOTANIA	CC-11	Plant Physiology	8	6	48	2019			
V	BOTANY	CC-12	Plant Metabolism	8	6	48	2019	7.75	7.75	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	1 /./3	1.73	Q
	BUTANY	DSE-2	Bioinformatics	7	6	42	2019	]		
	DOTANIX	CC-13	Genetics & Plant Breeding	8	6	48	2020			
VI	BOTANY	CC-14	Plant Biotechnology	9	6	54	2020	8.25	9.25	
V 1	BOTANY	DSE-3 Plant Evolution & Biodiversity		8	6	48	2020	0.23	8.25	Q
	DUTANY	DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
	nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: NURSELINA ISLAM **Honours: MATHEMATICS** Roll No. 170331000074

Semester	C. Lind	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2018			
		CC-2	Algebra	5	6	30	2018	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018	4.50	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
	MATHEMATICS	CC-3	Real Analysis	NC	6	NC				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	NC	6	NC		1		
II	CHEMISTRY	GE-2 States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements 7					2018			SNC
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
***		CC-6	1 7		6	NA				aria
III		CC-7	Numerical Methods	6	6	36	2018			SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
IV			Ring Theory and Linear Algebra I	5	6	30	2019	5.33	5.77	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V		CC-12	Mechanics I	5	6	30	2019	4.75	4.75	Q
	MATHEMATICS		Linear Programming	4	6	24	2019			
	WATTEMATICS	DSE-2	Probability & Statistics	5	6	30	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	WIATHEWIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II 10 6 60							
	nulative Grade Point Aven						Letter Gr CGP		Result:	PNC

Date of Publication of Result : 29.10.2020

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$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1-1		1-1			
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: PARAMITA MONDAL **Honours: PHYSIOLOGY** Roll No. 170331000075

Semester	Cubin 4	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	ı	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	7	6	42	2017			
	TITSIOLOGI	CC-2	Biological Physics and Enzymes	7	6	42	2017			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	7.00	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	DIIVCIOI OCV	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018			
	PHYSIOLOGY	CC-4	Chemistry of Biomolecules	7	6	42	2018			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018	8.00	7.40	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
		CC-5	Circulating Body Fluids	8	6	48	2018			
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2018			
III		CC-7	Functions of The Nervous System	8	6	48	2018	8.00	7.77	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	42	2018	] !				
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
		CC-8	Energy Balance, Metabolism and Nutrition		6	48	2019			
	PHYSIOLOGY	CC-9	Gastrointestinal Function	9	6	54	2019			
IV		CC-10	Respiration	9	6	54	2019	8.67	8.77	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019			
	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019			
V	PHYSIOLOGY	CC-12	Endocrinology	10	6	60	2019	9.75	9.75	
V	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2019	9.75	9.73	Q
	PHYSIOLOGY	DSE-2	Sports and Exercise Physiology	10	6	60	2019			
	DITACIOI OCA	CC-13	Reproduction	9	6	54	2020			
VI	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	9	6	54	2020	9.25	0.25	
VI	DIIVCIOI OCV	DSE-3	Human Nutrition and Dietetics	9	6	54	2020	9.25	9.25	Q
	PHYSIOLOGY	DSE-4	Toxicology 10 6 60				2020			
	nulative Grade Point Aver						Letter Gra		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: PIJUSH DAS Honours: MATHEMATICS Roll No. 170331000076

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
,		CC-2	Algebra	7	6	42	2017	7.00	(55	
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	7.00	6.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	7.50	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018	]		
III		CC-7	Numerical Methods 8 6 48				2018	7.00	7.38	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48 2018	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019			
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019	]		_
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	8.00	7.92	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	6	6	36	2019	7.00	7.00	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	]		
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATHEIVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	] 10.00	10.00	Q
	IVIATHEIVIATICS	DSE-4	Mechanics II	60	2020					
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

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70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: PRALAY RUJ Honours: MATHEMATICS Roll No. 170331000078

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017			
		CC-2	Algebra	7	6	42	2017	0.00	7 27	
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	8.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	9	6	54	2018	1		Q
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	9.00	8.40	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018	]		
III		CC-7	Numerical Methods	9	6	54	2018	8.00	7.85	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions		6	48	2019			
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019	] , ,_		
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.67	7.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	5	6	30	2019	7.00	7.00	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	]		`
	WATHEWATICS	DSE-2	Probability & Statistics	7	6	42	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	WATTEWATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	9.75	
V 1	MATHEMATICS	DSE-3	Project Work	10 6 60			2020	9.73	9./3	Q
			Mechanics II	60	2020					
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA:		Result	: Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: PRANATI SHARMA Honours: BOTANY Roll No. 170331000079

Semester	~	Course		Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017			
	BOTANT	CC-2	Archegoniatae	7	6	42	2017			
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017	6.00	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018			
	BUTANY	CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018	1		
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates		6	24	2018	5.50	5.30	Q
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
		CC-5	Plant Ecology and Phytogeography	6	6	36	2018			
	BOTANY	CC-6	Plant Systematics	9	6	54	2018	]		
III		CC-7	Economic Botany	8	6	48	2018	7.67	7.15	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018	1		
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018	]		
	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019			
		CC-9	Biomolecules and Cell Biology	8	6	48	2019	]		
IV		CC-10	Molecular Biology	8	6	48	2019	8.33	8.00	Q
1 4	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019	0.55	8.00	Ų
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019	]		
	BOTANY	CC-11	Plant Physiology	7	6	42	2019			
V	BUTANY	CC-12	Plant Metabolism	8	6	48	2019	7.50	7.50	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	1 /.30	7.50	Q
	BUTANY	DSE-2	Bioinformatics	7	6	42	2019	]		
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020			
VI	BUTANT	CC-14	Plant Biotechnology	9	6	54	2020	8.25	8.25	
V I	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020	0.23	8.23	Q
	DUTANY	DSE-4	Industrial and Environmental Microbiology 8 6 48					]		
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: PRATYAY MONDAL **Honours: MATHEMATICS** Roll No. 170331000080

Semester	C. Lind	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017			
		CC-2	Algebra	8	6	48	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017	8.50	8.36	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	A A THE MATTER	CC-3	Real Analysis	54	2018					
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	9	6	54	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	9.00	8.50	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
	MATHEMATICS	CC-5	Metric Spaces		6	54	2018			
***		CC-6	Group Theory I	10	6	60	2018	]	0.00	
III		CC-7	Numerical Methods	9	6	54	2018	9.33	9.08	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019	]		
	MATHEMATICS	CC-9	Multivariate Calculus	8	6	48	2019	]		
IV			Ring Theory and Linear Algebra I	10	6	60	2019	9.00	8.85	Q
	PHYSICS	GE-4	Waves and Optics	8	6	48	2019	1		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	7	6	42	2019	9.25	9.25	Q
	MATHEMATICS		Linear Programming	10	6	60	2019	]		
	WATTEMATICS		Probability & Statistics	10	6	60	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATIEMATICS		Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	Q
V 1	MATHEMATICS	DSE-3	Project Work	10 10	6	60	2020	10.00	10.00	
		DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: PRITAM DAS Honours: ZOOLOGY Roll No. 170331000081

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017			
	ZOOLOGI	CC-2	Ecology	7	6	42	2017			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	6.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001 00V	CC-3	Non-chordates II	8	6	48	2018			
	ZOOLOGY	CC-4	Cell Biology	7	6	42	2018	1		
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018	7.50	7.00	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Chordates	5	6	30	2018			
III	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018	6.33	6.46	Q
	CHEMISTRY	GE-3	Chemistry		6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	7	6	42	2019			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.67	6.69	Q
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	ZOOLOGI	CC-12	Genetics	6	6	36	2019	7.25	7.25	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	1.23	1.23	٧
	ZUULUGY	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOGI	CC-14	Evolutionary Biology	8	6	48	2020	8.50	8 50	Q
V 1	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020	0.50	8.50	4
	DSE-4 Endo		Endocrinology 9 6 54				2020			
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

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Aning Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
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SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
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70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below $40%$	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: PUJA KABIRAJ **Honours: MATHEMATICS** Roll No. 170331000082

Semester		Course	Commo Tido	Grade	Credit	Grade	Credit	1	on the	Resul
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017			
		CC-2	Algebra	7	6	42	2017	]	8.27	
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017	8.00		Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS.	CC-3	Real Analysis	6	54	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2018	1	9.10	Q
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	9.50		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS	CC-5	Metric Spaces		6	42	2018			
111		CC-6	Group Theory I	8	6	48	2018		7.00	
III		CC-7	Numerical Methods	9	6	54	2018	8.00	7.92	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
		CC-8	Riemann Integration and Series of Functions	10	6	60	2019	]		
	MATHEMATICS	CC-9	Multivariate Calculus	8	6	48	2019			
IV			Ring Theory and Linear Algebra I	9	6	54	2019	9.00	8.85	Q
	PHYSICS	GE-4	Waves and Optics	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	6	6	36	2019	8.50	8.50	Q
	MATHEMATICS		Linear Programming	9	6	54	2019	]		
	WATHEWATICS		Probability & Statistics	9	6	54	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATTILIVIATICS		Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020 2020	2020		Q
		DSE-4	Mechanics II         10         6         60							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA:		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1-1		1-1			
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: PUNAM CHOUDHURY Honours: ZOOLOGY Roll No. 170331000083

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course True	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017			
	ZOOLOG I	CC-2	Ecology	6	6	36	2017			
I	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017	5.50	6.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018			
	ZUULUGI	CC-4	Cell Biology	4	6	24	2018	1		
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	8	6	48	2018	5.00	6.40	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Chordates	6	6	36	2018			
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems		6	36	2018	]		
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	6.67	6.62	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018	'		
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2018			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
IV		CC-10	Immunology	6	6	36	2019	6.00	6.31	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019			
	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019			
V	ZOOLOGI	CC-12	Genetics	6	6	36	2019	6.25	6.25	Q
v	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019	0.23	0.23	\ \ \
	ZOOLOGI	DSE-2	Parasitology	7	6	42	2019			
	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020			
VI	ZOOLOG I	CC-14	Evolutionary Biology	8	6	48	2020	7.75	7.75	Q
v 1	ZOOLOGY	OGY DSE-3 Animal Behaviour		7 6 42			2020	'.'3	1.13	4
	ZOOLOG I	DSE-4	Endocrinology 9 6 54				2020			
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: PURNIMA MANDAL Honours: BOTANY Roll No. 170331000084

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017			
	DUTANT	CC-2	Archegoniatae	8	6	48	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017	7.50	6.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018			
	DOTANT	CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2018	]		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.50	7.60	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Plant Ecology and Phytogeography	7	6	42	2018			
	BOTANY	CC-6	Plant Systematics	8	6	48	2018	]		
III		CC-7	Economic Botany	9	6	54	2018	8.00	7.85	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
		CC-8	Palaeobotany & Palynology	9	6	54	2019			
	BOTANY	CC-9	Biomolecules and Cell Biology	8	6	48	2019			
IV		CC-10	Molecular Biology	8	6	48	2019	8.33	8.23	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
	BOTANY	CC-11	Plant Physiology	7	6	42	2019			
V	DUTANT	CC-12	Plant Metabolism	8	6	48	2019	7.75	7.75	0
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2019	] 1.13	1.13	V
	BOTANT	DSE-2	Bioinformatics	7	6	42	2019			
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020			
VI	DOTANT	CC-14	Plant Biotechnology	8	6	48	2020	8.00	8 00	
V 1	BOTANY	DSE-3 Plant Evolution & Biodiversity				48	2020	0.00	8.00	Q
	DUTANT	DSE-4	Industrial and Environmental Microbiology 8 6 48							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aning you Fol Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	L (Loil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: RAHUL DAS Honours: BOTANY Roll No. 170331000085

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.		Code		(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2017			
	BOTTHILL	CC-2	Archegoniatae	7	6	42	2017			
I	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017	6.50	6.91	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2018			
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018			
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	8	6	48	2018	6.50	7.30	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Plant Ecology and Phytogeography	7	6	42	2018			
	BOTANY	CC-6	Plant Systematics	9	6	54	2018	1		
III		CC-7	Economic Botany	8	6	48	2018	8.00	7.31	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany		2	10	2018			
	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019			
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
IV		CC-10	Molecular Biology	7	6	42	2019	7.67	8.00	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
	BOTANY	CC-11	Plant Physiology	8	6	48	2019			
V	DOTANT	CC-12	Plant Metabolism	8	6	48	2019	7.75	7.75	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	] 1.13	1.13	١٧
	DOTANT	DSE-2	Bioinformatics	7	6	42	2019			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020			
VI	BOTANT	CC-14	Plant Biotechnology	9	6	54	2020	8.50	8.50	
V I	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020	] 8.30	8.30	Q
	DOTANT	DSE-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below $80%$	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below $40%$	4	Below 35%	Not Awarded (NA)	

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: RAJESWARI PANJA Honours: MATHEMATICS Roll No. 170331000086

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017				
		CC-2	Algebra	7	6	42	2017	]	6.72		
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	7.00	6.73	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018				
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018	1			
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	7.00	7.60	Q	
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018				
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018				
	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018	]			
III		CC-7	Numerical Methods 9 6 54					7.67	7.77	Q	
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018				
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018				
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019				
		CC-9	Multivariate Calculus	6	6	36	2019				
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019				
IV	CHEMISTRY GE-		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019	7.67	8.15	Q	
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019				
V		CC-12	Mechanics I	7	6	42	2019	7.50	7.50	Q	
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	]		\	
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019	]			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020				
VI	IVIATREMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00		
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q	
	IVIATHENIATICS	DSE-4	~					]			
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA :		Result	: Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning Joh Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

OTHER TOTAL			
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: RAKESH DHAR Honours: MATHEMATICS Roll No. 170331000087

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resu
No.	Subject	Code	· ·		(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
		CC-2	Algebra	7	6	42	2017	7.00	C 15	
Ι	PHYSICS	GE-1	Mechanics	5	6	30	2017	7.00	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018	1		
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	6.50	6.60	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	1.6	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	6	6	36	2018			
III		CC-7	Numerical Methods	8	6	48	2018	6.67	6.85	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019			
		CC-9	Multivariate Calculus	5	6	30	2019	]		
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	]		
IV	CHEMISTRY		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.00	5.85	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	1		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V		CC-12	Mechanics I	4	6	24	2019	5.00	5.00	Q
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			\
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
3.77	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	10	6	60	2020	1		
	nulative Grade Point Aver nulative Grade Point Aver				•	•	Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: RIMPA GARAIN **Honours: MATHEMATICS** Roll No. 170331000088

Semester	C. Lind	Course Course Title			Credit	Grade	Credit	1	on the	Resul
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
		CC-2	Algebra	5	6	30	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017	5.00	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	A A THE MATTER	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.00	5.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces		6	36	2018			
***	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018		5.46	
III		CC-7	Numerical Methods	6	6	36	2018	5.33	5.46	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	8	6	48	2019	]		
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019	]		
IV			Ring Theory and Linear Algebra I	6	6	36	2019	6.67	7.00	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019	1		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Mechanics I	5	6	30	2019	5.75	5.75	Q
	MATHEMATICS		Linear Programming	4	6	24	2019	]		
	WATTEMATICS		Probability & Statistics	5	6	30	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS		Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	Q
V 1	MATHEMATICS	DSE-3 Project Work		10	6	60	2020	] 3.13	75 9.75	٧
		DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1-1		1-1			
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: RIPAN MONDAL Honours: MATHEMATICS Roll No. 170331000089

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code		(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
т		CC-2	Algebra	6	6	36	2017	5.50	5 72	
Ι	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.50	5.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018	1		
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	5.50	6.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018	1		
III		CC-7	Numerical Methods	7	6	42	2018	7.00	7.08	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018	]		
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	6	6	36	2019	1		
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019	1		
IV	CHEMISTRY		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.00	7.23	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	1		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	6	6	36	2019	6.75	6.75	Q
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019	1		`
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
3.77	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020	1				
	nulative Grade Point Aver				•	•	Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%		80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: RUBINA KHATUN Honours: BOTANY Roll No. 170331000090

Semester	6.11.4	Course	C TEVI	Grade	Credit	Grade Point	Credit		on the	Result	
No.	Subject	Code	Course Title	(G)	Value (V)	(GXV)	Retained Year	CCs & DSEs	All Courses	Code	
	BOTANY		Microbiology and Phycology	5	6	30	2017				
	BOTANT	CC-2	Archegoniatae	7	6	42	2017				
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017	6.00	6.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018				
	BUTANY	CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018	]			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018	5.50	5.70	Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
		CC-5	Plant Ecology and Phytogeography	7	6	42	2018				
	BOTANY	CC-6	Plant Systematics	8	6	48	2018	1			
III		CC-7	Economic Botany	7	6	42	2018	7.33	6.62	Q	
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	5	6	30	2018	1			
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018				
		CC-8	Palaeobotany & Palynology	8	6	48	2019				
	BOTANY	CC-9	Biomolecules and Cell Biology	7	6	42	2019				
IV		CC-10	Molecular Biology	6	6	36	2019	7.00	6.85	Q	
1 V	PHYSIOLOGY GE-4		Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2019	7.00	0.03	Q	
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019				
	BOTANY	CC-11	Plant Physiology	7	6	42	2019				
V	BUTANY	CC-12	Plant Metabolism	8	6	48	2019	7.75	7.75		
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	1./3	1.73	Q	
	BUTANY	DSE-2	Bioinformatics	8	6	48	2019				
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020				
VI	BUTANT	CC-14	Plant Biotechnology	8	6	48	2020	8.00	8 00		
V I	BOTANY	DSE-3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		6	48	2020	] 8.00	8.00	Q	
	DUTANY	DSE-4	Plant Evolution & Biodiversity 8 6 48 Industrial and Environmental Microbiology 8 6 48				2020				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gra		Result	t : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: RUBINA KHATUN Honours: MATHEMATICS Roll No. 170331000091

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
,		CC-2	Algebra	4	6	24	2017	1.50	5.10	
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	4.50	5.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4 6 24		2018	1			
II	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018	5.50	5.70	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018			
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	]		
III		CC-7	Numerical Methods 6 6 36					5.00	5.62	Q
	CHEMISTRY		Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	]		
IV	CHEMISTRY GE-		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	5.00	5.85	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Mechanics I	5	6	30	2019			SNC
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA		]		
	MATHEMATICS	DSE-2	Probability & Statistics	5	6	30	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
VI	IVIATHEIVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	9.75	0.75	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	] 9./3	9.75	Q
	IVIATHEIVIATICS	DSE-4	Mechanics II	60	2020					
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA		Result:	PNC

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Le	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: SAGAR GHOSH Honours: ZOOLOGY Roll No. 170331000092

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017				
	ZOOLOGI	CC-2	Ecology	8	6	48	2017				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017	7.50	7.27	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	7001.001/	CC-3	Non-chordates II	9	6	54	2018				
	ZOOLOGY	CC-4	Cell Biology	8	6	48	2018	1			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	8.50	8.00	Q	
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018				
		CC-5	Chordates	7	6	42	2018				
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018	]			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	7.67	7.38	Q	
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	42	2018	]				
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018	]			
		CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019	]			
IV		CC-10	Immunology	7	6	42	2019	6.67	7.08	Q	
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019	] 0.07	7.00	V	
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019				
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019				
V	ZOOLOGI	CC-12	Genetics	8	6	48	2019	8.50	8.50		
V	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019	0.30	8.30	Q	
	ZOOLOGI	DSE-2	Parasitology	9	6	54	2019				
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020				
VI	ZOOLOGI	CC-14	Evolutionary Biology	8	6	48	2020	8.75	Q 75		
V 1	ZOOLOGY	DSF-3 Animal Behaviour		8	6	48	2020	0.73	8.75	Q	
	ZUULUUI	DSE-4	Endocrinology 10 6 60								
	nulative Grade Point Aver nulative Grade Point Aver	<u> </u>					Letter Gra		Result	t : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning you got Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I E (Eoil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

Grade r diffe rioring.			
90% to 100%	10	80% and above but below 90%	9
70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SAHABUDDIN KHAN Honours: ZOOLOGY Roll No. 170331000093

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	]			
	ZOOLOGI	CC-2	Ecology	7	6	42	2017	]			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	6.50	6.45	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	7001.0CV	CC-3	Non-chordates II	6	6	36	2018				
	ZOOLOGY	CC-4	Cell Biology	5	6	30	2018	1			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018	5.50	6.10	Q	
	Communicative English/MIL AECC-2 Bengali		Bengali	10	2	20	2018				
	ZOOLOGY	CC-5	Chordates	7		42	2018				
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018	7.22	- 00		
III		CC-7	Fundamentals of Biochemistry	7	6	42	2018	7.33	7.00	Q	
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018	]			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018				
		CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019	]			
IV		CC-10	Immunology	7	6	42	2019	6.00	6.38	Q	
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation		6	42	2019	0.00	0.50		
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019				
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019				
V	ZUULUGI	CC-12	Genetics	7	6	42	2019	7.25	7.25		
V	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	1.23	1.23	Q	
	ZUULUGI	DSE-2	Parasitology	8	6	48	2019	]			
	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020				
VI	ZUULUU I	CC-14	Evolutionary Biology	8	6	48	2020	8.00	8 00		
V I	7001.0CV	DSE-3	Animal Behaviour	8	6	48	2020	] 8.00	8.00	Q	
	ZOOLOGY DSE		Endocrinology 8 6 48				2020	]			
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning you you' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC - Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SAMBIT BHATTACHARYYA Honours: CHEMISTRY Roll No. 170331000094

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017				
	CHEWISTKT	CC-2	Physical Chemistry-I	8	6	48	2017				
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	8.50	7.73	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017				
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018				
	CHEMISTRY	CC-4	Organic Chemistry-II	8	6	48	2018				
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	8.50	8.50	Q	
	Communicative English/MIL	AECC-2			2	20	2018				
			Physical Chemistry-II	8	6	48	2018				
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2018				
III		CC-7	Organic Chemistry-III	8	6	48	2018	8.33	7.54	Q	
	MATHEMATICS	GE-3	Real Analysis		6	30	2018				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018				
		CC-8	Physical Chemistry-III	6	6	36	2019				
	CHEMISTRY	CC-9	Inorganic Chemistry-III	7	6	42	2019				
IV		CC-10	Organic Chemistry - IV	8	6	48	2019	7.00	7.54	Q	
	MATHEMATICS	GE-4	Algebra	9	6	54	2019				
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019				
	CHEMISTRY		Inorganic Chemistry-IV	7	6	42	2019				
V	CHEWISTKI	CC-12	Organic Chemistry-V	7	6	42	2019	7.00	7.00	Q	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	] /.00	7.00	Ų	
	CHEMISTRI	DSE-2	Analytical Methods in Chemistry	7	6	42	2019				
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020				
VI	CHEWIGHKI	CC-14	Physical Chemistry-IV	9	6	54	2020	9.00	9.00	Q	
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	] 3.00	7.00	١٧	
	CHEWISTKI	DSE-4	Inorganic Materials of Industrial Importance 9 6 54				2020				
	nulative Grade Point Aver		Letter Grade in CGPA : A+		Result : Q						
CGPA (Cur	nulative Grade Point Aver	rage) on th	e basis of All Courses : 7.86				CGPA :	A+			

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared	
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All	
SEC – Skill Elillaneement Course	7 to ociow o	A (very dood)	DCIOW 4	1 (1 a11)	semesters not cleared]	
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in	
Compulsory Course	0 to below /	D+ (0000)			C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### **Percentage of Conversion Formula:**

= (SGPA or CGPA ×10) - 5.0



Name: SANGITA SINGHA Honours: ZOOLOGY Roll No. 170331000095

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017				
	ZOOLOGI	CC-2	Ecology	7	6	42	2017				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	6.00	5.91	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	7001 0CV	CC-3	Non-chordates II	5	6	30	2018				
	ZOOLOGY	CC-4	Cell Biology	5	6	30	2018	1			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	5.00	5.80	Q	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018				
	ZOOLOGY	CC-5	Chordates	4	6	24	24 2018				
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018				
III		CC-7	Fundamentals of Biochemistry	6	6	36	2018	5.67	6.00	Q	
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018				
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018				
		CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019	7		1	
IV		CC-10	Immunology	6	6	36	2019	5.67	6.23	Q	
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019	3.07	0.23	_	
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019				
	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019				
V	ZUULUGI	CC-12	Genetics	6	6	36	2019	6.00	6.00		
V	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019	0.00	0.00	Q	
	ZUULUGI	DSE-2	Parasitology	7	6	42	2019	]			
	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020				
VI	ZUULUGI	CC-14	Evolutionary Biology	8	6	48	2020	8.00	8 00		
V I	7001.0CV	DSE-3	Animal Behaviour	8	6	48	2020	8.00	8.00	Q	
	ZOOLOGY		Endocrinology 9 6 54				2020				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning you you' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I E (Eoil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SARALYA CHOWDHURY Honours: MICROBIOLOGY Roll No. 170331000097

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2017			
		CC-2	Bacteriology	8	6	48	2017	]		
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017	8.00	7.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MICDODIOLOGY	CC-3	Biochemistry 9 6 54		2018					
	MICROBIOLOGY	CC-4	Virology	42	2018	1				
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	8.00	7.60	Q
	Communicative		Communicative English	7	2	14	2018	1 0.00 7.00		
		CC-5	Microbial Physiology & Metabolism	7	6	42	2018			
	MICROBIOLOGY	CC-6	Cell Biology	8	6	48	2018	1		
III		CC-7	Molecular Biology	7	6	42	2018	7.33	7.31	Q
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018	7.55	7.31	\ \ \
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2018			
	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2019			
		CC-9	Environmental Microbiology	7	6	42	2019			
		CC-10	Food and Dairy Microbiology	8	6	48	2019	]		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.00	7.08	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2019	1		
	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2019			
	WICKOBIOLOGY	CC-12	Immunology	8	6	48	2019	1		
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2019	7.75	7.75	Q
		DSE-2	Instrumentation and Biotechniques	8	6	48	2019			
	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2020			
VI	IVIICKOBIOLOGI	CC-14	Recombinant DNA Technology	9	6	54	2020	9.25	0.25	
V 1	MICROBIOLOGY	DSE-3 Advances in Microbiology			6	60	2020	] 9.23	9.25	Q
	IVIICKOBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	54	2020	<u></u>				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Relow 4   F (Fail)		the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)	1		NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SARIFUL HAQUE Honours: CHEMISTRY Roll No. 170331000098

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	CHEMISTRY	CC-1	Organic Chemistry-I	6	6	36	2018				
	CHEWISTRI	CC-2	Physical Chemistry-I	5	6	30	2018				
I	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018	5.50	5.64	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018				
	CHEMISTRY	CC-3	Inorganic Chemistry-I	5	6	30	2018				
	CHEWISTRY	CC-4	Organic Chemistry-II 5 6 30		2018						
II	MATHEMATICS	GE-2	Differential Equations	6	6	36	2018	5.00	5.50	Q	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018				
		CC-5	Physical Chemistry-II	5	6	30	2018				
	CHEMISTRY	CC-6	Inorganic Chemistry-II	5	6	30	2018				
III		CC-7	Organic Chemistry-III	5	6	30	2018	5.00	4.77	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	4	6	24	2018				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	5	2	10	2018				
		CC-8			6	24	2019				
	CHEMISTRY	CC-9			6	30	2019				
IV		CC-10	Organic Chemistry - IV	5	6	30	2019	4.67	4.69	Q	
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019				
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019				
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019				
V	CHEWISTRY	CC-12	Organic Chemistry-V	6	6	36	2019	6.00	6.00		
V	CHEMICTRY	DSE-1	Advanced Physical Chemistry	5	6	30	2019	0.00	6.00	Q	
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019	]			
	CHEMICTRY	CC-13	Inorganic Chemistry-V	7	6	42	2020				
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	8.25	8.25		
VI	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020	8.23	8.23	Q	
	CHEMISTRY	DSE-4	Inorganic Materials of Industrial Importance 8 6 48				2020	]			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.94  CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.79  Letter Grade in CGPA : B										Result : Q	
CGPA (Cur	nulative Grade Point Aver	rage) on th	e basis of All Courses : 5.79				CGPA	: R			

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared	
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All	
SEC – Skill Ellilancement Course	7 to below 8	A (very dood)	DCIOW 4	I' (I'all)	semesters not cleared]	
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in	
Compulsory Course	0 to below /	B+ (G000)			C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SAYAN BANERJEE Honours: MATHEMATICS Roll No. 170331000099

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017			
		CC-2	Algebra	4	6	24	2017	1 00	4.00	
I	PHYSICS	GE-1	Mechanics	5	6	30	2017	4.00	4.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	A CATTURE CATTURE	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	NA	6	NA		1		
II	PHYSICS		Electricity and Magnetism	6	6	36	2018	1		SNC
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA		1		
III		CC-7	Numerical Methods	5	6	30	2018	1		SNC
	CHEMISTRY		Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	16	2018					
		CC-8	Riemann Integration and Series of Functions	NA	6	NA				
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	NA	6	NA				
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			SNC
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019	]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V		CC-12	Mechanics I	6	6	36	2019	6.00	6.00	Q
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019	1		`
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATREMATICS	HEMATICS CC-14 Ring Theory and Linear Algebra II		10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	] 10.00	10.00	Q
	IVIATREMATICS	DSE-4	Mechanics II	60	2020					
	mulative Grade Point Aver mulative Grade Point Aver	-					Letter Gr CGPA		Result:	PNC

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)	1		NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SAYAN MITRA Honours: CHEMISTRY Roll No. 170331000100

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTRI	CC-2	Physical Chemistry-I	8	6	48	2017			
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	8.50	7.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018			
	CHEWISTRY	CC-4	Organic Chemistry-II	-		2018				
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	42 2018 9.00	9.00	8.20	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
			Physical Chemistry-II	hemistry-II 8 6		48	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2018			
III		CC-7	Organic Chemistry-III	8	6	48	2018	8.33	7.77	Q
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2018			
	CHEMISTRY	SEC-1	nsic Analytical Chemistry 8		2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019		8.08	
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
IV		CC-10	Organic Chemistry - IV	8	6	48	2019	7.33		Q
	MATHEMATICS	GE-4	Algebra	10	6	60	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019			
V	CHEWISTRY	CC-12	Organic Chemistry-V	8	6	48	2019	7.75	775	
V	CHEMICTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2019	1./3	7.75	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	8	6	48	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	9.25	9.25	
V I	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	9.23	9.23	Q
	CHEMISTRY	DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020	]		
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33  Letter Grade in										: Q
CGPA (Cur	nulative Grade Point Aver	rage) on th	e basis of All Courses : 8.10				CGPA:	A+		`

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared	
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All	
SEC – Skill Ellilancement Course	7 to below 8	A (very dood)	DCIOW 4	I' (I'all)	semesters not cleared]	
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in	
Compulsory Course	0 to below /	B+ (G000)			C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### **Percentage of Conversion Formula:**

= (SGPA or CGPA ×10) - 5.0



Name: SAYANTANI SEN Honours: MICROBIOLOGY Roll No. 170331000101

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2017			
		CC-2	Bacteriology	6	6	36	2017	1		
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	6.00	6.09	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MICDODIOLOGY	CC-3	Biochemistry	7	6	42	2018			
	MICROBIOLOGY	CC-4	Virology	2018	1					
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018	6.00	6.10	Q
	Communicative		Communicative English	7	2	14	2018			•
		CC-5 Microbial Physiology &		6	6	36	2018			
	MICROBIOLOGY	CC-6	Cell Biology	6	6	36	2018	1		
III		CC-7	Molecular Biology	7	6	42	2018	6.33	6.46	Q
111	CHEMISTRY GI		Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		0.40	*
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	6	2	12	2018	1		
	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2019			
		CC-9	Environmental Microbiology	7	6	42	2019	1		
		CC-10	Food and Dairy Microbiology	6	6	36	2019	]		
IV	CHEMISTRY G		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	6.33	6.15	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	5	2	10	2019	1		
	MICDODIOLOCV	CC-11	Industrial Microbiology	6	6	36	2019			
	MICROBIOLOGY	CC-12	Immunology	7	6	42	2019	1		
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2019	6.50	6.50	Q
		DSE-2	Instrumentation and Biotechniques	6	6	36	2019	1		
	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2020			
VI	IVIICKOBIOLOGY	CC-14	Recombinant DNA Technology	8	6	48	2020	8.25	0.25	
V I	MICDODIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2020	8.23	8.25	Q
	MICROBIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	48	2020	]				
	mulative Grade Point Avenuative Grade Point A						Letter Gr CGPA		Result	: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	Course 7 to below 8 A (Very Good) Below 4 F (Fail)		l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)	1		NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SHAIBAL MUKHERJEE Honours: CHEMISTRY Roll No. 170331000102

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2018			
		CC-2	Physical Chemistry-I	7	6	42	2018			
I	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018	7.00	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018			
	CHEWISTKI	CC-4	Organic Chemistry-II	7	6	42	2018			
II	MATHEMATICS	GE-2	Differential Equations	6	42	2018	7.00	7.00	Q	
	Communicative English/MIL	AECC-2	Communicative English Physical Chemistry-II		2	14	2018			
		CC-5	Physical Chemistry-II	7 6 42 2		2018				
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2018			Q
III		CC-7	Organic Chemistry-III	7	6	42	2018	7.33	6.85	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	4	6	24	2019			
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
IV		CC-10	Organic Chemistry - IV	7	6	42	2019	5.67	5.69	Q
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019			
V	CHEMISTRI	CC-12	Organic Chemistry-V	7	6	42	2019	6.50	6.50	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019	0.30	0.30	Q
	CHEWISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2020		<u> </u>	
VI	CHEWISTKI	CC-14	Physical Chemistry-IV	9	6	54	2020	8.50	8 50	
V 1	CHEMISTRY	DSE-3			6	60	2020	0.50	8.50	Q
	CHEWISTKI	DSE-4	Inorganic Materials of Industrial Importance 8 6 48							
	nulative Grade Point Avenulative Grade Point Aven						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared	
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on	
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All	
SEC - Skill Elillancement Course	7 to below 8	A (very dood)	DCIOW 4	` ′	semesters not cleared]	
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in	
Compulsory Course	0 to below /	D+ (0000)			C1, C2 and C4 as applicable.	

#### **Grade Point Norms:**

90% to 100%		80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SHARMISTHA KAR **Honours: MATHEMATICS** Roll No. 170331000103

Semester	C. Lind	Course Course Title			Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
		CC-2	Algebra	7	6	42	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	cids And Bases, Redox Reactions, General granic Chemistry & Aliphatic 8				7.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	7	6	42	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics,		2018	8.50	8.50	Q		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	MATHEMATICS	CC-5	Metric Spaces		6	48	2018			
***	MATHEMATICS	CC-6	Group Theory I	8	6	48	2018		0.20	
III		CC-7	Numerical Methods	9	6	54	2018	8.33	8.38	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018		$\downarrow \downarrow \downarrow \downarrow$	
		CC-8	Riemann Integration and Series of Functions	10	6	60	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	7	6	42	2019	]		
IV			Ring Theory and Linear Algebra I	9	6	54	2019	8.67	8.15	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019	]		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	8	6	48	2019	8.75	8.75	Q
	MATHEMATICS		Linear Programming	8	6	48	2019			
	WATTEMATICS	DSE-2	Probability & Statistics	9	6	54	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	WIATHEWATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	] 10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020	]				
	nulative Grade Point Aven						Letter Gr CGPA :		Result	t : Q

Date of Publication of Result : 29.10.2020

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$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:		
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: SHREYA SADHU **Honours: MATHEMATICS** Roll No. 170331000104

Semester	G 11: 4	Course Course Title			Credit	Grade	Credit	1	on the	Resul
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2018			
		CC-2	Algebra	5	6	30	2018	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	cids And Bases, Redox Reactions, General ganic Chemistry & Aliphatic 6				5.00	5.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018	2018		
	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	5	6	30	2018	1		
II	CHEMISTRY GE-2		States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	5.50	6.00	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Metric Spaces		6	36	2018			
***	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018		6.20	
III		CC-7	Numerical Methods	7	6	42	2018	5.67	6.38	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018		1	
		CC-8	Riemann Integration and Series of Functions	7	6	42	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	4	6	24	2019			Q
IV			Ring Theory and Linear Algebra I	5	6	30	2019	5.33	5.85	
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019	]		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			
V		CC-12	Mechanics I	6	6	36	2019	7.00	7.00	Q
	MATHEMATICS		Linear Programming	7	6	42	2019	]		
	WATTEMATICS		Probability & Statistics	8	6	48	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATIEMATICS		Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V 1	MATHEMATICS	DSE-3	Project Work	10 10	6	60	2020	10.00	10.00	Q
	WIATHEWIATICS	DSE-4	Mechanics II	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	: Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1-1		1-1			
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l E(Egil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: SIDDHARTHA PAUL Honours: CHEMISTRY Roll No. 170331000105

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTKT	CC-2	Physical Chemistry-I	10	6	60	2017			
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	9.50	8.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	8	6	48	2018			
II	PHYSICS	GE-2	Electricity and Magnetism 7			42	2018	8.00	7.70	Q
	Communicative English/MIL	AECC-2	Communicative English  Physical Chemistry-II		2	16	2018			
		CC-5	Physical Chemistry-II	7	6	42	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II Organic Chemistry-III		6	48	2018			Q
III		CC-7			6	54	2018	8.00	7.77	
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019			
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
IV		CC-10	Organic Chemistry - IV	9	6	54	2019	8.00	7.85	Q
	MATHEMATICS	GE-4	Algebra	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019			
V	CHEWISTKI	CC-12	Organic Chemistry-V	8	6	48	2019	7.50	7.50	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	] 7.30	7.30	V
	CHEWISTKI	DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
VI	CHEWIGHKI	CC-14	Physical Chemistry-IV	9	6	54	2020	9.00	9.00	Q
V 1	CHEMISTRY		Green Chemistry	9	6	54	2020	] 3.00	7.00	١٧
			Inorganic Materials of Industrial Importance 9 6 54							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Grade in CGPA : A+		Result	: Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Ellilancement Course	7 to below 8	A (very dood)	DCIOW 4	I' (I'all)	semesters not cleared]
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	B+ (G000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SK AZIBUR RAHAMAN Honours: ZOOLOGY Roll No. 170331000106

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017				
	ZOOLOGI	CC-2	Ecology	8	6	48	2017				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	7.50	7.00	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	7001.001/	CC-3	Non-chordates II	7	6	42	2018				
	ZOOLOGY	CC-4	Cell Biology 5 6 30					1			
II	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018	6.00	6.40	Q	
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018				
		CC-5	Chordates	5	6	30	2018				
III	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018	6 22			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018	6.33	6.23	Q	
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018				
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018				
	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019				
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019				
IV		CC-10	Immunology	6	6	36	2019	5.67	6.00	Q	
1 4	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019	3.07	0.00	V	
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019				
	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019				
V	ZOOLOGY	CC-12	Genetics	7	6	42	2019	7.00	7.00		
V	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	7.00	7.00	Q	
	ZOOLOGY	DSE-2	Parasitology	7	6	42	2019	]			
	7001 0CV	CC-13	Developmental Biology	7	6	42	2020				
VI	ZOOLOGY	CC-14	Evolutionary Biology	8	6	48	2020	8.00	0.00		
V I	700L0CV	DSE-3 Animal Behaviour		8	6	48	2020	8.00	8.00	Q	
	ZOOLOGY	DSE-4	Endocrinology 9 6 54				2020				
	nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

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Aning you you' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I E (Eoil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SK RAJIBUL HOSSAIN Honours: PHYSICS Roll No. 170331000107

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017				
	11113103	CC-2	Mechanics	8	6	48	2017				
I	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2017	7.50	7.36	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2018				
	PHISICS	CC-4	Waves and Optics	9	6	54	2018		7.80		
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018	8.00		Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
		CC-5	Mathematical Physics-II	9	6	54	2018				
	PHYSICS	CC-6	Thermal Physics	7	6	42	2018	]			
III		CC-7	Digital Systems and Applications	8	6	48	2018	8.00	8.08	Q	
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018	0.00		×	
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2018				
	PHYSICS	CC-8	Mathematical Physics-III	7	6	42	2019				
		CC-9	Elements of Modern Physics	8	6	48	2019				
		CC-10	Analog Systems & Applications	8	6	48	2019		7.54	Q	
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.67			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019				
	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2019				
V	PHISICS	CC-12	Solid State Physics	8	6	48	2019	7.25	7.25		
V	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019	] 7.23	1.23	Q	
	FILISICS	DSE-2	Classical Dynamics	5	6	30	2019				
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020				
VI	PHISICS	CC-14	Statistical Mechanics	9	6	54	2020	8.75	0 75		
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	0.73	8.75	Q	
	FILI SICS	DSE-4	Astronomy and Astrophysics 9 6 54							$\perp$	
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q	

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: SK ZIAUR RAHAMAN Honours: CHEMISTRY Roll No. 170331000108

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2017			
	CHEWISTKT	CC-2	Physical Chemistry-I	8	6	48	2017			
I	PHYSICS	GE-1	Mechanics	5	6	30	2017	8.00	7.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018			
	CHEWISTRY	CC-4	Organic Chemistry-II		6	48	2018		7.60	
II	PHYSICS	GE-2	Electricity and Magnetism	lectricity and Magnetism 6 6 36		36	2018	8.00		Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Physical Chemistry-II	6	6	36	2018			
III	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	7	6	42	2018	7.00	6.38	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019			
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
IV		CC-10	Organic Chemistry - IV	8	6	48	2019	7.33	7.15	Q
	MATHEMATICS	GE-4	Algebra	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019			
V	CHEWISTKI	CC-12	Organic Chemistry-V	7	6	42	2019	7.00	7.00	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	7.00	7.00	Q
	CHEWISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEWISTKI	CC-14	Physical Chemistry-IV	9	6	54	2020	8.50	8 50	Q
V 1	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020	0.50	8.50	٧
	CHEWISTKI	DSE-4	Inorganic Materials of Industrial Importance 8 6 48				2020			
	nulative Grade Point Aver	<u> </u>					Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA			Q - Qualified	
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All
SEC – Skill Elillancement Course	7 to below 8	A (very dood)	DCIOW 4	r (ran)	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)	1		NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	D+ (G000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SK. MIRAJUL HAQUE Honours: MATHEMATICS Roll No. 170331000109

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
		CC-2	Algebra	4	6	24	2017	4.50	5.00	
I	PHYSICS	GE-1	Mechanics	7	6	42	2017	4.50	5.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	4.00	5.10	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	1.6	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			
	MATHEMATICS	CC-6	Group Theory I	NA	6	NA		1		
III		CC-7	Numerical Methods	7	6	42	2018	1		SNC
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	8		2	18	2018			
	CC-		Riemann Integration and Series of Functions	5	6	30	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	NA	6	NA		1		
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019	1		
IV	CHEMISTRY GI		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			SNC
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019	]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	6	6	36	2019	6.00	6.00	Q
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	1		
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	1		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020			
7.71	MATHEMATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	0.75	0.75	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	9.75	9.75	Q
	MATHEMATICS	DSE-4	Mechanics II	2020	1					
	nulative Grade Point Aver					•	Letter Gr CGP		Result:	PNC

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: SOHAM SARKAR Honours: MATHEMATICS Roll No. 170331000110

Semester	Subject	Course Little		Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017			
*		CC-2	Algebra	5	6	30	2017	5.00	5.64	
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	5.00	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018	1		
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	4.50	5.50	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018			
III		CC-7	Numerical Methods	6	6	36	2018			SNC
	CHEMISTRY GE-3 Chemistry		Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets 9		2	18	2018			
		CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
	MATHEMATICS	CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			SNC
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			
V		CC-12	Mechanics I	5	6	30	2019	6.25	6.25	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			`
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATHEIVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II 10 6 60				2020	]		
	mulative Grade Point Aver						Letter Gr CGP		Result:	PNC

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aning yor Pal Controller of Examinations

1-1		1-1			
Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I E (Eail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	ì
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

#### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: SOUMYADIP MUKHOPADHYAY Honours: PHYSIOLOGY Roll No. 170331000111

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result
No.	Susject	Code		(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2017			
	TITISIOLOGI	CC-2	Biological Physics and Enzymes	8	6	48	2017			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	8.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells 8 6		6	48	2018			
	PHISIOLOGI	CC-4	Chemistry of Biomolecules	8	6	48	2018			
II	BOTANY	GE-2	GE-2 Plant Ecology and Taxonomy 6 6 36		36	2018	8.00	7.30	Q	
	Communicative English/MIL	AECC-2	Communicative English		2	14	2018			
		CC-5	Circulating Body Fluids	7	6	42	2018			
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2018	1		
III		CC-7	Functions of The Nervous System	7	6	42	2018	7.33	7.31	Q
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants		2	16	2018			
	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition		6	48	2019			
		CC-9	Gastrointestinal Function	9	6	54	2019	]		
IV		CC-10	Respiration	9	6	54	2019	8.67	8.54	Q
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019			
	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019			
V	TITSIOLOGT	CC-12	Endocrinology	9	6	54	2019	9.25	9.25	Q
V	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2019	9.23	9.23	
	IIIISIOLOGI	DSE-2	Sports and Exercise Physiology	10	6	60	2019			
	PHYSIOLOGY	CC-13	Reproduction	10	6	60	2020			
VI	I II I SIOLOG I	CC-14	Formation and Excretion of Urine	9	6	54	2020	9.75	9.75	Q
V 1	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	10	6	60	2020	] 9./3	9.73	٧
		DSE-4	Toxicology 10 6 60							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Grade in CGPA : A+		Result	t : Q

Date of Publication of Result: 29.10.2020

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Aninga Zoh Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SOUNAK SAHA Honours: CHEMISTRY Roll No. 170331000112

Semester	Subject	Course	Course Title		Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2017				
	CHEWISTKT	CC-2	Physical Chemistry-I	8	6	48	2017				
I	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017	8.00	7.27	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
	CHEMISTRY	CC-3	Inorganic Chemistry-I		6	48	2018				
	CHEWISTRY	CC-4	Organic Chemistry-II	7	6	42	2018		7.80		
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2018	7.50		Q	
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018				
			Physical Chemistry-II	6	6	36	2018				
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2018				
III		CC-7	Organic Chemistry-III	6	6	36	2018	6.67	6.46	Q	
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018				
	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019				
		CC-9	Inorganic Chemistry-III	6	6	36	2019	]	6.00	Q	
IV		CC-10	Organic Chemistry - IV	6	6	36	2019	5.67			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019				
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019				
	CHEMISTRY		Inorganic Chemistry-IV	7	6	42	2019				
V	CHEWISTKI	CC-12	Organic Chemistry-V	6	6	36	2019	6.75	6.75	Q	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	0.73	0.73	Ų	
	CHEMISTRI	DSE-2	Analytical Methods in Chemistry	7	6	42	2019				
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020				
VI	CHEWISTKI	CC-14	Physical Chemistry-IV	9	6	54	2020	9.00	9.00	0	
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	] 3.00	7.00	Q	
	CHEWISTKI	DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result : Q		
COPA (CUI	nuiative Grade Point Ave	rage) on th	c basis of All Courses : 7.17				COFA	. 17			

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Foil)	the basis of CCs and DSEs.<5 or All
SEC – Skill Elillancement Course	7 to below 8	A (very dood)	DCIOW 4	r (ran)	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	D+ (G000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

OTHER TOTAL				
90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SOURAV BANIK Honours: MATHEMATICS Roll No. 170331000113

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resu
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2017			
		CC-2	Algebra	7	6	42	2017	0.50	0.00	
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	8.50	8.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	MATHEMATICS	CC-3	Real Analysis	10	6	60	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	10	6	60	2018	1	9.40	
II	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018	10.00		Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III		CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2018			
	MATHEMATICS	CC-6	Group Theory I	9	6	54	2018			
		CC-7	Numerical Methods	10	6	60	2018	9.33	9.31	Q
	CHEMISTRY GE-3		Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2018			
	MATHEMATICS	SEC-1	Logic and Sets		2	20	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019			
		CC-9	Multivariate Calculus	8	6	48	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019	9.00	9.08	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	10	6	60	2019	9.75	9.75	Q
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2019			
	MATHEMATICS	DSE-2	Probability & Statistics	9	6	54	2019			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIA I TEIVIA I ICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
VI	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	MATHEMATICS	DSE-4	Mechanics II	60	2020	]				
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:		
CC – Core Course	CGPA Letter Grade		CGPA	Letter Grade	Q - Qualified		
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared		
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on		
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]		
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: SOURAVI ROY Honours: CHEMISTRY Roll No. 170331000116

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.		Code		(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017				
	CHEWIISTRI	CC-2	Physical Chemistry-I	7	6	42	2017				
I PHYSICS		GE-1	Mechanics	7	6	42	2017	7.00	6.82	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017				
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018				
	CHEMISTRI	CC-4	Organic Chemistry-II	8	6	48	2018	7.50			
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018		7.30	Q	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018				
		CC-5	Physical Chemistry-II 6 6		36	2018					
	CHEMISTRY	CC-6	Inorganic Chemistry-II	7	6	42	2018				
III		CC-7			2018	7.00	6.54	Q			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018				
		CC-8	Physical Chemistry-III	6	6	36	2019				
	CHEMISTRY	CC-9	Inorganic Chemistry-III	8	6	48	2019				
IV		CC-10	Organic Chemistry - IV	7	6	42	2019	7.00	7.54	Q	
	MATHEMATICS	GE-4	Algebra	9	6	54	2019				
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019				
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019				
V	CHEMISTRI	CC-12	Organic Chemistry-V	8	6	48	2019	7.75	7.75		
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2019	] /./3	1.13	Q	
	CHEMISTRI	DSE-2	Analytical Methods in Chemistry	8	6	48	2019				
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020				
VI	CHEWIISTKI	CC-14	Physical Chemistry-IV	9	6	54	2020	9.00	9.00	Q	
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	] 9.00	7.00	١٧	
		DSE-4	Inorganic Materials of Industrial Importance 9 6 54				2020				
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.67 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.49									: Q	
CGPA (Cur	nulative Grade Point Ave	rage) on th	e basis of All Courses : 7.49				CGPA : A			icouit . Q	

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Ellilancement Course	kill Ennancement Course / to below 8 A (very Good) Below 4 F (Fall)		I' (I'all)	semesters not cleared]	
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	alsory Course 6 to below / B+ (Good)		C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### **Percentage of Conversion Formula:**

= (SGPA or CGPA ×10) - 5.0



Name: SOURIN SEN Honours: CHEMISTRY Roll No. 170331000117

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017			
	CHEWISTKI	CC-2	Physical Chemistry-I	6	6	36	2017			
I	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017	6.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018			
	CHEWISTKI	CC-4	Organic Chemistry-II	8	6	48	2018			Q
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018	8.00	7.90	
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Physical Chemistry-II	7	6	42	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2018			
III		CC-7	Organic Chemistry-III	7	6	42	2018	7.33	6.62	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	5	2	10	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	4	6	24	2019			
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
IV		CC-10	Organic Chemistry - IV	7	6	42	2019	5.33	5.69	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019			
V	CHEWISTKI	CC-12	Organic Chemistry-V	5	6	30	2019	6.00	6.00	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019	0.00	0.00	Q
	CHEWISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEWISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	8.75	8.75	
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	0.73	0.73	Q
	CHEMISTRI	DSE-4	Inorganic Materials of Industrial Importance 8 6 48				2020			
	GPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.00  GPA (Cumulative Grade Point Average) on the basis of All Courses : 6.86								Letter Grade in CGPA : A Result :	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SOUVIK BHATTACHARYYA Honours: CHEMISTRY Roll No. 170331000118

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2017			
	CHEWISTKT	CC-2	Physical Chemistry-I	8	6	48	2017			
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	9.00	8.00	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	•		2018				
II	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018	8.50	8.20	Q
	Communicative English/MIL	AECC-2	5		2	20	2018			
		CC-5	Physical Chemistry-II	8	6	48	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II		6	60	2018			
III		CC-7	Organic Chemistry-III	8	6	48	2018	8.67	7.54	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019			
		CC-9	Inorganic Chemistry-III	8	6	48	2019		7.23	Q
IV		CC-10	Organic Chemistry - IV	7	6	42	2019	7.33		
	MATHEMATICS	GE-4	Algebra	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2019			
	CHEMISTRY		Inorganic Chemistry-IV	7	6	42	2019			
V	CHEWISTKI	CC-12	Organic Chemistry-V	7	6	42	2019	7.50	7.50	Q
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019	] 7.30	7.30	Į Ų
	CHEMISTRI	DSE-2	Analytical Methods in Chemistry	9	6	54	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
VI	CHEWISTKI	CC-14	Physical Chemistry-IV	9	6	54	2020	9.25	9.25	0
V 1	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020	] 9.23	7.43	Q
	CHEWISTKI	DSE-4	Inorganic Materials of Industrial Importance 9 6 54				2020			
	nulative Grade Point Aver	Letter Grade in CGPA : A+		Result	Result : Q					
CGPA (Cur	nulative Grade Point Aver	rage) on th	e basis of All Courses : 7.93				CGPA :	A+		

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Ellilancement Course	kill Ennancement Course / to below 8 A (very Good) Below 4 F (Fall)		I' (I'all)	semesters not cleared]	
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	alsory Course 6 to below / B+ (Good)		C1, C2 and C4 as applicable.		

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SOUVIK MANDI Honours: ZOOLOGY Roll No. 170331000119

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017			
	ZOOLOGI	CC-2	Ecology	8	6	48	2017			
I	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017	7.50	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	7001 0CV	CC-3	Non-chordates II	7	6	42	2018			
	ZOOLOGY	CC-4	Cell Biology	5	6	30	2018	-		
II	PHYSIOLOGY	GE-2	Digestion and Metabolism	6	6	36	2018	6.00	6.30	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	ZOOLOGY	CC-5	Chordates	6	6	36	2018			
		CC-6	Animal Physiology: Controlling and Coordinating Systems		6	36	2018			
III		CC-7	Fundamentals of Biochemistry	8	6	48	2018	6.67	6.69	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
		CC-8	Comparative Anatomy of Vertebrates		6	36	2019			
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019	]		
IV		CC-10	Immunology	7	6	42	2019	6.67	6.92	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019			
V	ZUULUGI	CC-12	Genetics	7	6	42	2019	7.50	7.50	Q
V	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019	7.50	7.30	l Q
	ZOOLOGI	DSE-2	Parasitology	8	6	48	2019			
	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020			
VI	ZOOLOG I	CC-14	Evolutionary Biology	8	6	48	2020	8.50	8 50	Q
V 1	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020	0.50	8.50	Q
	ZOOLOGI	DSE-4	Endocrinology 9 6 54				2020			
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gra CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: SOUVIK MONDAL Honours: PHYSIOLOGY Roll No. 170331000120

Semester	6.1: 4	Course	C Trial	Grade	Credit	Grade Point	Credit	ı	on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	(GXV)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2017			
	IIIISIOLOGI	CC-2	Biological Physics and Enzymes	8	6	48	2017			
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017	8.00	7.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018			
	PHYSIOLOGY	CC-4	Chemistry of Biomolecules	8	6	48	2018	1		Q
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018	8.50	7.90	
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5 Circulating Body Fluids		8	6	48	2018			
	PHYSIOLOGY	CC-6	Circulation	8	6	48	2018	1		
III		CC-7	Functions of The Nervous System	7	6	42	2018	7.67	7.77	Q
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2018	]		
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2019			
		CC-9	Gastrointestinal Function	9	6	54	2019			
IV		CC-10	Respiration	9	6	54	2019	8.67	8.54	Q
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019	]		
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019	]		
	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019			
V	PHYSIOLOGY	CC-12	Endocrinology	9	6	54	2019	9.25	9.25	
V	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2019	9.23	9.23	Q
	PHYSIOLOGY	DSE-2	Sports and Exercise Physiology	10	6	60	2019			
	DIIVCIOI OCV	CC-13	Reproduction	10	6	60	2020			
VI	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	9	6	54	2020	9.75	9.75	
V I	DSE-3 Human Nutrition and Dietetics 10				6	60	2020	9./5	9.73	Q
	PHYSIOLOGY DSE-		Toxicology	60	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gra		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum_{i=1}^{n} (G_i \times V_i)}{\sum_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

 $= \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$ Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SOUVIK MONDAL Honours: MICROBIOLOGY Roll No. 170331000121

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2017			
		CC-2	Bacteriology	6	6	36	2017			
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	6.00	6.18	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MICDODIOLOCV	CC-3	Biochemistry	9	6	54	2018			
II	MICROBIOLOGY	CC-4	Virology	2018	]					
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	7.50	7.30	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14				
		CC-5	Microbial Physiology & Metabolism	7	6	42	2018			
	MICROBIOLOGY	CC-6	Cell Biology	6	6	36	2018	1		
III		CC-7	Molecular Biology	6	6	36	2018	6.33	6.31	Q
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018	0.55	0.51	
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2018	1		
	MICROBIOLOGY	CC-8	Microbial Genetics	5	6	30	2019			
		CC-9	Environmental Microbiology	7	6	42	2019	1		
		CC-10	Food and Dairy Microbiology	6	6	36	2019	1		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.00	6.23	Q
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	6	2	12	2019	1		
	MICROBIOLOGY	CC-11	Industrial Microbiology	6	6	36	2019			
	MICKOBIOLOGY	CC-12	Immunology	7	6	42	2019	1		
V	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2019	6.75	6.75	Q
		DSE-2	Instrumentation and Biotechniques	7	6	42	2019			
	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2020			
VI	MICKOBIOLOGI	CC-14	Recombinant DNA Technology	8	6	48	2020	8.50	8.50	Q
V 1	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2020	] 0.50	0.50	١٧
	MICKODIOLOGY	DSE-4	Bio-Safety and Intellectual Property Rights	48	2020					
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	CGPA Letter Grade CGPA Let		Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)	1		NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SUBHADEEP DAS Honours: ZOOLOGY Roll No. 170331000122

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017				
	ZOOLOGI	CC-2	Ecology	8	6	48	2017				
I	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017	7.50	7.18	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017				
	7001.001/	CC-3	Non-chordates II	6	6	36	2018				
	ZOOLOGY	CC-4	Cell Biology	6	6	36	2018	1		Q	
II	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018	6.00	6.70		
	Communicative English/MIL	AECC-2	2		2	20	2018				
		CC-5 Chordates		7	6	42	2019				
	ZOOLOGY	CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2019	]		Q	
III		CC-7	Fundamentals of Biochemistry	5	6	30	2019	6.33	6.23		
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2019	]			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2019				
		CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019				
	ZOOLOGY	CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019	]			
IV		CC-10	Immunology	6	6	36	2019	5.67	5.92	Q	
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019	3.07	3.72	Ų	
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	5	2	10	2019	]			
	7001 0CV	CC-11	Molecular Biology	6	6	36	2019				
V	ZOOLOGY	CC-12	Genetics	6	6	36	2019	6.00	6.00		
V	7001 0CV	DSE-1	Animal Biotechnology	5	6	30	2019	0.00	6.00	Q	
	ZOOLOGY	DSE-2	Parasitology	7	6	42	2019	1			
	7001 0CV	CC-13	Developmental Biology	8	6	48	2020				
VI	ZOOLOGY	CC-14	Evolutionary Biology	9	6	54	2020	0.50	0.50		
V I	ZOOLOGY	DSF-3 Animal Rehaviour				48	2020	8.50	8.50	Q	
	ZUULUGY	DSE-4	Animal Behaviour         8         6         48           Endocrinology         9         6         54				2020	]			
	nulative Grade Point Aver	<u> </u>					Letter Gra		Result	t : Q	

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning you yoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I E (Eoil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SUBRATA BANERJEE Honours: BOTANY Roll No. 170331000123

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course True	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	BOTANY		Microbiology and Phycology	5	6	30	2017			
		CC-2	Archegoniatae	6	6	36	2017			
I	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2017	5.50	5.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	BOTANY	CC-3	Mycology and Phytopathology	NA	6	NA				
	BUTANT	CC-4	Morphology and Anatomy of Angiosperms	4	6	24	2018	]		
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018			SNC
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Plant Ecology and Phytogeography	6	6	36	2018			
	BOTANY	CC-6	Plant Systematics	7	6	42	2018			
III		CC-7	Economic Botany	7	6	42	2018	6.67	6.31	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany	4	2	8	2018			
	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2019			
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
IV			Molecular Biology	7	6	42	2019	7.33	7.23	Q
- 1	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019	,.55	7.23	~
	BOTANY	SEC-2	Biofertilizers	7	2	14	2019			
	BOTANY	CC-11	Plant Physiology	8	6	48	2019			
V	DOTANT	CC-12	Plant Metabolism	8	6	48	2019	8.00	8.00	Q
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	8.00	8.00	V
	BOTANT	DSE-2	Bioinformatics	8	6	48	2019			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020			
VI	DOTANT	CC-14	Plant Biotechnology	8	6	48	2020	8.25	8.25	0
v 1	BOTANY DSE-3 Plant Evolution & Biodiversity		8	6	48	2020	] 0.23	8.25	Q	
	DSE-4		Industrial and Environmental Microbiology 8 6 48				2020			
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result:	PNC

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%		80% and above but below 90%	9
70% and above but below $80%$	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: SUDIP MONDAL Honours: CHEMISTRY Roll No. 170331000124

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTKT	CC-2	Physical Chemistry-I	7	6	42	2017			
I	PHYSICS	GE-1	Mechanics	6	6	36	2017	8.00	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018			
II	CHEMISTRI	CC-4	Organic Chemistry-II	7	6	42	2018			Q
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	7.00	6.70	
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Physical Chemistry-II	6	6	36	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	8	6	48	2018	]		
III		CC-7	Organic Chemistry-III	8	6	48	2018	7.33	6.46	Q
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018	]		
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019			
		CC-9	Inorganic Chemistry-III	7	6	42	2019			
IV		CC-10	Organic Chemistry - IV	6	6	36	2019	6.00	6.46	Q
	MATHEMATICS	GE-4	Algebra	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019			
V	CHEMISTRY	CC-12	Organic Chemistry-V	7	6	42	2019	675	6.75	
V	CHEMICTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019	6.75	6.75	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	8	6	48	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	9.25	9.25	
V 1	CHEMISTRY	DSE-3 Green Chemistry		10	6	60	2020	] 9.23	9.23	Q
	CHEMISTRI	DSE-4	Inorganic Materials of Industrial Importance 9 6 54				2020			
	nulative Grade Point Aver						Letter Gr CGPA	Decult .		: Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Ellilancement Course	/ to below 8	A (very dood)	DCIOW 4	I' (I'all)	semesters not cleared]
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	B+ (G000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SUDIPTA BHATTACHARYA Honours: MATHEMATICS Roll No. 170331000125

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
*		CC-2	Algebra	5	6	30	2017	5.50	5.64	
I	PHYSICS	GE-1	Mechanics	5	6	30	2017	5.50	5.64	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	A CAMPAGE A CAMPAGE	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	6	6	36	2018	1		
II			Electricity and Magnetism	6	6	36	2018	6.50	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				
	MATHEMATICS	CC-6	Group Theory I	4	6	24	2018	1		
III		CC-7	Numerical Methods	6	6	36	2018	1		SNC
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic 7 6 42							
	MATHEMATICS	SEC-1	Logic and Sets 8 2 16				2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019			
		CC-9	Multivariate Calculus	4	6	24	2019	1		
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019	]		
IV	CHEMISTRY GE-4		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	4.67	5.31	Q
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019	]		
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			
V		CC-12	Mechanics I	5	6	30	2019	5.00	5.00	Q
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019	1		`
	MATHEMATICS	DSE-2	Probability & Statistics	6	6	36	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	IVIATHEIVIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3 Project Work		10	6	60	2020	] 10.00	10.00	Q
	IVIATREIVIATICS	DSE-4	Mechanics II 10 6 60							
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGP		Result:	PNC

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Le	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

## $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SUMIT DUTTA Honours: MATHEMATICS Roll No. 170331000126

Semester		Course		Grade	Credit	Grade	Credit	1	on the	Resul
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
		CC-2	Algebra	6	6	36	2017	6.50	( 72	
Ι	PHYSICS	GE-1	Mechanics	7	6	42	2017	6.50	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	4	6	24	2018	1		
II	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018	6.00	6.40	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III		CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018			
	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018	]		
		CC-7	Numerical Methods	7	6	42	2018	6.67	6.92	Q
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019			
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
IV	CHEMISTRY GE		Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.67	7.00	Q
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019			
V		CC-12	Mechanics I	5	6	30	2019	7.00	7.00	Q
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019	]		`
	MATHEMATICS	DSE-2	Probability & Statistics	8	6	48	2019	]		
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020			
VI	WIATHEWIATICS	CC-14	Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V I	MATHEMATICS	DSE-3	Project Work	10	6	60	2020	10.00	10.00	Q
	IVIATHEIVIATICS	DSE-4					2020			
	nulative Grade Point Aver nulative Grade Point Aver	-					Letter Gr CGPA		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aning zoh Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below $70%$	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### $\label{lem:conversion} \textbf{Percentage of Conversion Formula:}$

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SUMIT ROOJ Honours: PHYSICS Roll No. 170331000127

Semester	Carbinat	Course	C T:41-	Grade	Credit	Grade	Credit		on the	Result
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017			
	rnisics	CC-2	Mechanics	8	6	48	2017			
I	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2017	7.50	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2018			
	PHISICS	CC-4	Waves and Optics	7	6	42	2018			
II	MATHEMATICS	GE-2	Differential Equations	10	6	60	2018	7.50	8.40	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5 Mathematical Physics-II		7	6	42	2018			
	PHYSICS	CC-6	Thermal Physics	9	6	54	2018			
III		CC-7	Digital Systems and Applications	9	6	54	2018	8.33	8.00	Q
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018	0.55	0.00	~
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2018			
	PHYSICS	CC-8	Mathematical Physics-III	7	6	42	2019			
		CC-9	Elements of Modern Physics	7	6	42	2019			
		CC-10	Analog Systems & Applications	8	6	48	2019	] .		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	7.33	7.08	Q
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019			
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019			
V	PHISICS	CC-12	Solid State Physics	8	6	48	2019	6.75	6.75	Q
V	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019	0.73	0.73	Ų
	PHISICS	DSE-2	Classical Dynamics	5	6	30	2019			
	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020			
VI	FILI SICS	CC-14	Statistical Mechanics	8	6	48	2020	8.50	9.50	
V I	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020	8.30	8.50	Q
	11110100	DSE-4	Astronomy and Astrophysics 9 6 54							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gra		Result	t : Q

Date of Publication of Result: 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: SUNANDA SINHA Honours: CHEMISTRY Roll No. 170331000128

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
		CC-2	Physical Chemistry-I	7	6	42	2017			
I	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017	8.00	7.55	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018			
	CHEMISTRY	CC-4	Organic Chemistry-II	8	6	48	2018			
II	MATHEMATICS	GE-2	Differential Equations	8	6	48	2018	7.50	7.80	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
		CC-5	Physical Chemistry-II	7	6	42	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2018			
III		CC-7	Organic Chemistry-III	8	6	48	2018	8.00	8.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019			
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
IV		CC-10	Organic Chemistry - IV	8	6	48	2019	7.67	7.62	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2019			
V	CHEWISTRY	CC-12	Organic Chemistry-V	8	6	48	2019	8.50	8.50	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2019	8.50	8.50	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	9	6	54	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	9.25	9.25	
V 1	CHEMISTRY	DSE-3	3			60	2020	] 9.23	9.23	Q
	CHEMISTRI	DSE-4	Green Chemistry 10 6 60 Inorganic Materials of Industrial Importance 9 6 54							
	nulative Grade Point Aver						Letter Gr CGPA :		Result	: Q

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All
SEC – Skill Ellilancement Course	7 to below 8	A (very dood)	DCIOW 4	I' (I'all)	semesters not cleared]
AECC - Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	B+ (G000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SUNITA GHOSH Honours: BOTANY Roll No. 170331000129

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Resul
No.	,	Code		(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017			
		CC-2	Archegoniatae	8	6	48	2017			
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017	7.50	7.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2018			
	BUTANT	CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018	018		
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018	6.00	6.70	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III		CC-5	Plant Ecology and Phytogeography	7	6	42	2018			
	BOTANY	CC-6	Plant Systematics	8	6	48	2018	1		
		CC-7	Economic Botany	8	6	48	2018	7.67	7.31	Q
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018	]		
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018			
	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019			
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
IV		CC-10	Molecular Biology	7	6	42	2019	8.00	7.69	Q
11	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019	0.00	7.07	
	BOTANY	SEC-2	Biofertilizers	7	2	14	2019			
	BOTANY	CC-11	Plant Physiology	8	6	48	2019			
V	DUTANT	CC-12	Plant Metabolism	8	6	48	2019	8.00	8.00	
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	8.00	8.00	Q
	BUTANT	DSE-2	Bioinformatics	8	6	48	2019			
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020			
VI	BOTANT	CC-14	Plant Biotechnology	9	6	54	2020	8.25	8.25	
V I	DOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020	0.23	0.23	Q
	BOTANY DSI		Industrial and Environmental Microbiology 8 6 48							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gra		Result	: Q

Date of Publication of Result : 29.10.2020

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Aninga zoh Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

## **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: SUPRITY CHATTERJEE Honours: BOTANY Roll No. 170331000130

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017			
	DOTANT	CC-2	Archegoniatae	8	6	48	2017	]		
I	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017	7.50	7.27	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018			
	BUTANY	CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018	1		
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018	7.00	7.20	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	CC-5		Plant Ecology and Phytogeography	7	7 6 42 2018		2018			
	BOTANY	CC-6	Plant Systematics	9	6	54	2018	1		
III		CC-7	Economic Botany	8	6	48	2018	8.00	7.46	Q
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018	8.00	7.40	
	BOTANY	SEC-1	Agricultural Botany	7	2	14	2018	1		
	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019			
		CC-9	Biomolecules and Cell Biology	8	6	48	2019	1		
		CC-10	Molecular Biology	7	6	42	2019	1		
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	8.00	7.77	Q
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
	BOTANY	CC-11	Plant Physiology	9	6	54	2019			
V	BUTANY	CC-12	Plant Metabolism	8	6	48	2019	8.25	8.25	
V	DOTANIZ	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019	8.23	8.23	Q
	BOTANY	DSE-2	Bioinformatics	8	6	48	2019	1		
	DOTANIA	CC-13	Genetics & Plant Breeding	9	6	54	2020			
3.77	BOTANY	CC-14	Plant Biotechnology	9	6	54	2020	8.75	075	
VI	DOTANIZ	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020	0./5	8.75	Q
	BOTANY	DSE-4	Industrial and Environmental Microbiology	2020	1					
	nulative Grade Point Aver			•	•	•	Letter Gr CGPA:		Result	t : Q

Date of Publication of Result: 29.10.2020

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Aninga Zoh Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades	Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: SUSMITA BARICK **Honours: MATHEMATICS** Roll No. 170331000131

Semester	Carbin at	Course	Commo Tido	Grade	Credit	Grade	Credit	1	on the	Resul
No.	Subject	Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017			
		CC-2	Algebra	6	6	36	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017	6.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	8.00	7.60	Q
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018			
***	MATHEMATICS	CC-6	Group Theory I	7	6	42	2018		( (2	
III		CC-7	Numerical Methods	8	6	48	2018	7.00	6.62	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019	]		
	MATHEMATICS	CC-9	Multivariate Calculus	8	6	48	2019	]		
IV			Ring Theory and Linear Algebra I	7	6	42	2019	8.00	7.92	Q
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019	1		
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	8	6	48	2019	8.50	8.50	Q
	MATHEMATICS		Linear Programming	8	6	48	2019	]		
	WATHEWATICS		Probability & Statistics	8	6	48	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	10	6	60	2020			
VI	MATTEMATICS		Ring Theory and Linear Algebra II	10	6	60	2020	10.00	10.00	
V 1	MATHEMATICS	DSE-3	Project Work	10 6 60		60	2020 2020	10.00	10.00	Q
		DSE-4								
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA:		Result	: Q

Date of Publication of Result : 29.10.2020

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$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: SUTAPA SAHA Honours: CHEMISTRY Roll No. 170331000132

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017			
	CHEWISTRI	CC-2	Physical Chemistry-I	8	6	48	2017			
I	PHYSICS	GE-1	Mechanics	7	6	42	2017	8.50	7.82	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018			
		CC-4	Organic Chemistry-II	8	6	48	2018			
II	PHYSICS	GE-2	Electricity and Magnetism 8 6		6	48	2018	8.00	8.20	Q
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
		CC-5	Physical Chemistry-II	9	6	54	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	9	6	54	2018			
III		CC-7	Organic Chemistry-III 9		6	54	2018	9.00	8.69	Q
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019		8.31	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2019			
IV		CC-10	Organic Chemistry - IV	8	6	48	2019	7.67		
	MATHEMATICS	GE-4	Algebra	10	6	60	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019			
V	CHEWISTRY	CC-12	Organic Chemistry-V	7	6	42	2019	8.00	8.00	
V	CHEMICTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019	8.00	8.00	Q
	CHEMISTRY	DSE-2	Analytical Methods in Chemistry	8	6	48	2019	]		
	CHEMICTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEMISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	8.75	8.75	
VI	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020	8./3	8.73	Q
	CHEMISTRY	DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020	]		
	GPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33  GPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31								Result : Q	
CGPA (Cur	nulative Grade Point Aver	rage) on th	e basis of All Courses : 8.31				CGPA :	A+		

Date of Publication of Result : 29.10.2020

$$SGPA(S) = \frac{\sum\limits_{i=1}^{n} (G_i \times V_i)}{\sum\limits_{i=1}^{n} V_i} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} (G_i \times V_i)}{\sum\limits_{i=1}^{N} V_i}$$

Aninga Zoh' Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All
SEC - Skill Elillancement Course	7 to below 8	A (very dood)	DCIOW 4	` ′	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	D+ (0000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SWADHIN DAS Honours: CHEMISTRY Roll No. 170331000133

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained		on the	Result
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017	]		
		CC-2	Physical Chemistry-I	6	6	36	2017			
I	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017	6.50	6.73	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018			
		CC-4	Organic Chemistry-II	5	6	30	2018			
II	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018	6.00	6.40	Q
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
		CC-5	Physical Chemistry-II	6	6	36	2018			
	CHEMISTRY	CC-6	Inorganic Chemistry-II	NC	6	NC				
III		CC-7	Organic Chemistry-III	NC	6	NC				SNC
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	NC	6	NC				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019			
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
IV		CC-10	Organic Chemistry - IV	6	6	36	2019	5.33	5.77	Q
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019			
V	CHEMISTRI	CC-12	Organic Chemistry-V	5	6	30	2019	6.00	6.00	
V	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019	0.00	0.00	Q
	CHEWISTRY	DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020			
VI	CHEWISTRY	CC-14	Physical Chemistry-IV	9	6	54	2020	8.50	8.50	
V I	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020	0.50	0.50	Q
	CHEWISTKI	DSE-4	Inorganic Materials of Industrial Importance 8 6 48				2020			
	nulative Grade Point Avenulative Grade Point Aven						Letter Gr CGP		Result:	PNC

Date of Publication of Result: 29.10.2020

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Aninga Zohi Pal Controller of Examinations

Course Types :		CGPA Let	tter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	the basis of CCs and DSEs.<5 or All
SEC - Skill Elillancement Course	7 to below 8	A (very dood)	DCIOW 4	` ′	semesters not cleared]
AECC – Ability Enhancement	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in
Compulsory Course	0 to below /	D+ (0000)			C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9	
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	

### **Percentage of Conversion Formula:**

= (SGPA or CGPA  $\times 10$ ) - 5.0



Name: SWARNENDU MAHARA Honours: BOTANY Roll No. 170331000134

Semester	Subject	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	bas	on the	Result	
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code	
	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2017	]			
	DOTANT	CC-2	Archegoniatae	9	6	54	2017				
I	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2017	8.50	8.27	Q	
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017				
	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2018				
	DUTANT	CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2018	1			
II	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2018	9.00	9.10	Q	
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018				
		CC-5	Plant Ecology and Phytogeography	9	6	54	2018				
	BOTANY	CC-6	Plant Systematics	9	6	54	2018	1			
III		CC-7	Economic Botany	8	6	48	2018	8.67	8.00	Q	
111	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	36	2018	0.07	6.00		
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2018	1			
		CC-8	CC-8 Palaeobotany & Palynology		6	60	2019				
	BOTANY	CC-9	Biomolecules and Cell Biology	9	6	54	2019	]			
		CC-10	Molecular Biology	9	6	54	2019	1			
IV	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	9.33	9.00	Q	
	BOTANY	SEC-2	Biofertilizers	9	2	18	2019				
	BOTANY	CC-11	Plant Physiology	9	6	54	2019				
V	DUTANT	CC-12	Plant Metabolism	9	6	54	2019	9.00	9.00		
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2019	9.00	9.00	Q	
	DUTANT	DSE-2	Bioinformatics	9	6	54	2019	]			
	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020				
VI	DOTANT	CC-14	Plant Biotechnology	9	6	54	2020	9.00	9.00	Q	
V1	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020	] 9.00	9.00	Ų	
	DUTANY	DSE-4	Industrial and Environmental Microbiology 9 6 54				2020				
	mulative Grade Point Aver mulative Grade Point Aver						Letter Gr CGPA		Result	t : Q	

Date of Publication of Result: 29.10.2020

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Aninga Zoh Pal
Controller of Examinations

Course Types :		CGPA Let	ter Grades		Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5		PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

#### **Grade Point Norms:**

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



Name: VASKAR NANDAN **Honours: MATHEMATICS** Roll No. 170331000136

Semester	C. Lind	Course	Course Title	Grade	Credit Value	Grade Point	Credit Retained	1	on the	Resul
No.	Subject	Code	Course Title	(G)	(V)	(GXV)	Year	CCs & DSEs	All Courses	Code
	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017			
		CC-2	Algebra	5	6	30	2017	]		
I	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	5.50	6.45	Q
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	MATHEMATICS.	CC-3	Real Analysis	7	6	42	2018			
	MATHEMATICS	CC-4	Differential Equations and Vector Calculus	8	6	48	2018	1		
II	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018	7.50	7.50	Q
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces		6	36	2018			
***	MATHEMATICS	CC-6	Group Theory I	5	6	30	2018		6.00	
III		CC-7	Numerical Methods	6	6	36	2018	5.67	6.23	Q
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018	]		
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
		CC-8	Riemann Integration and Series of Functions	9	6	54	2019	]		
	MATHEMATICS	CC-9	Multivariate Calculus	5	6	30	2019	]		
IV			Ring Theory and Linear Algebra I	8	6	48	2019	7.33	7.69	Q
	PHYSICS	GE-4	Waves and Optics	8	6	48	2019	1		1
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019			
V		CC-12	Mechanics I	7	6	42	2019	8.00	8.00	Q
	MATHEMATICS		Linear Programming	8	6	48	2019	]		
	WATTEMATICS		Probability & Statistics	7	6	42	2019			
	MATHEMATICS		Metric Spaces and Complex Analysis	9	6	54	2020			
VI	MATHEMATICS		Ring Theory and Linear Algebra II	10	6	60	2020	9.75	9.75	
V 1	MATHEMATICS	DSE-3	Project Work	10	6	60	2020 2020	2020		Q
	WIATHEWIATICS	DSE-4	Mechanics II         10         6         60							
	nulative Grade Point Aver nulative Grade Point Aver						Letter Gr CGPA		Result	t : Q

Date of Publication of Result : 29.10.2020

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$$CGPA = \frac{\sum_{i=1}^{N} (G_i \times V_i)}{\sum_{i=1}^{N} V_i}$$

Anindya Zohi Pal Controller of Examinations

1 1					
Course Types :		CGPA Let	ter Grades		Result Codes:
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GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	l F (Fail)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

### **Grade Point Norms:**

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70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

#### Percentage of Conversion Formula:

= (SGPA or CGPA  $\times$ 10) - 5.0



Name: YEFTE SUM REZA Honours: BOTANY Roll No. 170331000137

Semester No.	Subject	Course	G	Grade	Credit	Grade	Credit	SGPA on the basis of		Result
		Code	Course Title	(G)	Value (V)	Point (GXV)	Retained Year	CCs & DSEs	All Courses	Code
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017		7.27	Q
		CC-2	Archegoniatae	8	6	48	2017	7.50		
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018		6.40	Q
II		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018	]		
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018	5.50		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2018			
		CC-6	Plant Systematics		6	42	2018	6.67	6.38	Q
III		CC-7			6	42	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018	1		
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018	1 !		
	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2019		6.38	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2019	]		
IV		CC-10	Molecular Biology	6	6	36	2019	6.33		
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019	0.55		
	BOTANY	SEC-2	Biofertilizers	5	2	10	2019	]		
	BOTANY	CC-11	Plant Physiology	7 6 42		42	2019			
V		CC-12	Plant Metabolism	8	6	48	2019	7.50	7.50	0
V	BOTANY	DSE-1	Reproductive Biology of Angiosperms         8         6         48         2019           Bioinformatics         7         6         42         2019		6	48	2019	1 /.30	7.50	Q
		DSE-2			]					
	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020			
VI		CC-14	Plant Biotechnology	8	6	48	2020	7.75	7.75	Q
	BOTANY	DSE-3			6	42	2020	1 /./3	1.13	٧
	DUTANT	DSE-4	Industrial and Environmental Microbiology	8 6 48		2020				
	CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.00 CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.94						Letter Grade in Re		Result	t : Q

Date of Publication of Result : 29.10.2020

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Aninga Zohi Pal
Controller of Examinations

Course Types :		CGPA Let	tter Grades	Result Codes:	
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SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	I F (Foil)	the basis of CCs and DSEs.<5 or All semesters not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

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90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

- = (SGPA or CGPA  $\times 10$ ) 5.0
- \*Letter Grade in CGPA is awarded on the basis of CCs and DSEs