



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **ABHROJIT RAKSHIT**Roll No. **21033100001**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.50	8.45	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	10.00	9.40	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022	6.33	6.69	Q
		CC-6	Group Theory I	6	6	36	2022			
		CC-7	Numerical Methods	9	6	54	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2022			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2023	8.67	8.15	Q
		CC-9	Multivariate Calculus	9	6	54	2023			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2023	7.50	7.50	Q
		CC-12	Mechanics I	6	6	36	2023			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2024	7.50	7.50	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	5	6	30	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.89										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: AISHA SIDDIKA KHATUN

Roll No. 21033100002

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	8.91	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	10.00	9.40	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2022	7.00	7.46	Q
		CC-6	Group Theory I	7	6	42	2022			
		CC-7	Numerical Methods	8	6	48	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2022			
IV	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2022	8.00	7.69	Q
		CC-8	Riemann Integration and Series of Functions	8	6	48	2023			
		CC-9	Multivariate Calculus	8	6	48	2023			
	CC-10	Ring Theory and Linear Algebra I	8	6	48	2023				
V	MATHEMATICS	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023	7.75	7.75	Q
		SEC-2	Graph Theory	10	2	20	2023			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023			
		CC-12	Mechanics I	7	6	42	2023			
VI	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2023	7.75	7.75	Q
		DSE-2	Probability & Statistics	9	6	54	2023			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2024			
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2024			
MATHEMATICS	DSE-3	Project Work	9	6	54	2024	7.75	7.75	Q	
	DSE-4	Mechanics II	6	6	36	2024				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.10										


Date of Publication of Result : 31.08.2024

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

Avinaya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: AMRITA DAS

Roll No. 21033100003

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2021	8.00	7.55	Q
		CC-2	Ecology	8	6	48	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2022	9.00	8.50	Q
		CC-4	Cell Biology	9	6	54	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2022	8.00	7.77	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	7.67	7.62	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2023			
		CC-10	Immunology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	7.25	7.25	Q
		CC-12	Genetics	7	6	42	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2023			
		DSE-2	Parasitology	8	6	48	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2024	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.68										

Date of Publication of Result : 31.08.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ANANYA MUKHERJEE

Roll No. 210331000004

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	10	6	60	2021	10.00	9.36	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.50	9.40	Q
		CC-4	Chemistry of Biomolecules	10	6	60	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2022	9.00	8.85	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	9	6	54	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	8.33	8.38	Q
		CC-9	Gastrointestinal Function	7	6	42	2023			
		CC-10	Respiration	9	6	54	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2023			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2023	9.00	9.00	Q
		CC-12	Endocrinology	9	6	54	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.97										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ANKITA BHANDARI

Roll No. 21033100005

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	6.50	6.91	Q
		CC-2	Archegoniatae	7	6	42	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2022	7.50	7.90	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2022	9.00	8.92	Q
		CC-6	Plant Systematics	9	6	54	2022			
		CC-7	Economic Botany	9	6	54	2022			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2022			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2023	8.00	8.54	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	8	6	48	2023			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	10	6	60	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2023	8.25	8.25	Q
		CC-12	Plant Metabolism	8	6	48	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2024	9.25	9.25	Q
		CC-14	Plant Biotechnology	9	6	54	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.34										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs. <5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ANKITA CHATTERJEE

Roll No. 21033100006

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2021	9.50	8.64	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.00	8.80	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2022	7.67	7.62	Q
		CC-6	Circulation	8	6	48	2022			
		CC-7	Functions of The Nervous System	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2023	7.00	7.00	Q
		CC-9	Gastrointestinal Function	6	6	36	2023			
		CC-10	Respiration	7	6	42	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	7	2	14	2023			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2023	8.00	8.00	Q
		CC-12	Endocrinology	8	6	48	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2023			
		DSE-2	Sports and Exercise Physiology	8	6	48	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	7.50	7.50	Q
		CC-14	Formation and Excretion of Urine	6	6	36	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	6	6	36	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.87										

Date of Publication of Result : 31.08.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ANKITA NANDI

Roll No. 210331000007

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2021	9.50	8.64	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.00	9.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2022	8.67	8.31	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	8.00	7.85	Q
		CC-9	Gastrointestinal Function	7	6	42	2023			
		CC-10	Respiration	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2023			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2023	8.25	8.25	Q
		CC-12	Endocrinology	7	6	42	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	7.75	7.75	Q
		CC-14	Formation and Excretion of Urine	7	6	42	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2024			
		DSE-4	Toxicology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.28										

Date of Publication of Result : 31.08.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ANTARA CHOWDHURI

Roll No. 21033100008

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	6.50	6.55	Q
		CC-2	Archegoniatae	7	6	42	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2022	9.00	8.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2022	9.00	9.15	Q
		CC-6	Plant Systematics	9	6	54	2022			
		CC-7	Economic Botany	9	6	54	2022			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	10	6	60	2022			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2023	8.33	8.54	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2023			
		CC-10	Molecular Biology	8	6	48	2023			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2023			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2023			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2023	8.25	8.25	Q
		CC-12	Plant Metabolism	8	6	48	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2024	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.41										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ARFINA SULTANA

Roll No. 21033100009

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	8.91	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	10.00	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2022	7.33	7.46	Q
		CC-6	Group Theory I	7	6	42	2022			
		CC-7	Numerical Methods	8	6	48	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
IV	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2022	8.33	8.08	Q
		CC-8	Riemann Integration and Series of Functions	8	6	48	2023			
		CC-9	Multivariate Calculus	9	6	54	2023			
	CC-10	Ring Theory and Linear Algebra I	8	6	48	2023				
V	MATHEMATICS	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023	8.50	8.50	Q
		SEC-2	Graph Theory	9	2	18	2023			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2023			
		CC-12	Mechanics I	8	6	48	2023			
VI	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2023	8.75	8.75	Q
		DSE-2	Probability & Statistics	9	6	54	2023			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2024			
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
MATHEMATICS	DSE-3	Project Work	10	6	60	2024	8.75	8.75	Q	
	DSE-4	Mechanics II	8	6	48	2024				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.42										

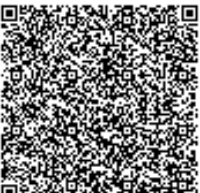
Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **ARINDAM GARAIN**Roll No. **210331000010**

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2021	8.50	8.64	Q
		CC-2	Mechanics	8	6	48	2021			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	10	6	60	2022	9.50	9.40	Q
		CC-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	6	6	36	2022	6.67	7.08	Q
		CC-6	Thermal Physics	7	6	42	2022			
		CC-7	Digital Systems and Applications	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2022			
PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022				
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2023	7.67	7.62	Q
		CC-9	Elements of Modern Physics	7	6	42	2023			
		CC-10	Analog Systems & Applications	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2023				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2023	6.75	6.75	Q
		CC-12	Solid State Physics	7	6	42	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2023			
		DSE-2	Classical Dynamics	6	6	36	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2024	7.75	7.75	Q
		CC-14	Statistical Mechanics	8	6	48	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2024			
		DSE-4	Astronomy and Astrophysics	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.61							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.80										


Date of Publication of Result : 31.08.2024

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

Arindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ARINDAM MALLICK

Roll No. 21033100011

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2021	9.00	8.36	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2022	9.00	9.10	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2022	6.00	5.85	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2022			
	CC-7	Organic Chemistry-III	5	6	30	2022				
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
IV	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2022	6.33	6.15	Q
		CC-8	Physical Chemistry-III	5	6	30	2023			
		CC-9	Inorganic Chemistry-III	7	6	42	2023			
	CC-10	Organic Chemistry - IV	7	6	42	2023				
MATHEMATICS	GE-4	Algebra	5	6	30	2023				
V	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2023	7.00	7.00	Q
		CC-11	Inorganic Chemistry-IV	5	6	30	2023			
	CC-12	Organic Chemistry-V	9	6	54	2023				
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2023			
DSE-2	Analytical Methods in Chemistry	8	6	48	2023					
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2024	7.50	7.50	Q
		CC-14	Physical Chemistry-IV	6	6	36	2024			
	CHEMISTRY	DSE-3	Green Chemistry	7	6	42	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.28							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.23										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ARPITA PAL

Roll No. 210331000013

Honours: MICROBIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2021	8.50	8.27	Q
		CC-2	Bacteriology	9	6	54	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2022	9.50	9.10	Q
		CC-4	Virology	10	6	60	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	9	6	54	2022	9.00	9.00	Q
		CC-6	Cell Biology	9	6	54	2022			
		CC-7	Molecular Biology	9	6	54	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2023	9.00	8.85	Q
		CC-9	Environmental Microbiology	9	6	54	2023			
		CC-10	Food and Dairy Microbiology	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2023	8.75	8.75	Q
		CC-12	Immunology	9	6	54	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2023			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2024	9.00	9.00	Q
		CC-14	Recombinant DNA Technology	9	6	54	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2024			
		DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades			Result Codes
	CGPA	Letter Grade	CGPA	
CC – Core Course		Letter Grade	CGPA	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: ASIMA BANERJEE

Roll No. 210331000016

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2021	9.00	8.27	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.00	9.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2022	7.67	7.62	Q
		CC-6	Circulation	8	6	48	2022			
		CC-7	Functions of The Nervous System	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2023	6.67	6.85	Q
		CC-9	Gastrointestinal Function	5	6	30	2023			
		CC-10	Respiration	7	6	42	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2023			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2023	7.75	7.75	Q
		CC-12	Endocrinology	7	6	42	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2023			
		DSE-2	Sports and Exercise Physiology	8	6	48	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	8.00	8.00	Q
		CC-14	Formation and Excretion of Urine	7	6	42	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.87										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **ASPIA KHATUN**Roll No. **210331000017**

Honours: MICROBIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	9	6	54	2021	9.00	8.55	Q
		CC-2	Bacteriology	9	6	54	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2022	9.50	9.00	Q
		CC-4	Virology	10	6	60	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2022	8.33	8.23	Q
		CC-6	Cell Biology	9	6	54	2022			
		CC-7	Molecular Biology	8	6	48	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2023	8.33	8.00	Q
		CC-9	Environmental Microbiology	8	6	48	2023			
		CC-10	Food and Dairy Microbiology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2023	8.25	8.25	Q
		CC-12	Immunology	8	6	48	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2023			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2024	8.00	8.00	Q
		CC-14	Recombinant DNA Technology	8	6	48	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2024			
		DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades			Result Codes
	CGPA	Letter Grade	CGPA	
CC – Core Course		Letter Grade	CGPA	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)		NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
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)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: AVIJIT MONDAL

Roll No. 210331000018

Honours: MICROBIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	5	6	30	2021	5.00	5.82	Q
		CC-2	Bacteriology	5	6	30	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2022			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	5	6	30	2022	5.00	5.50	Q
		CC-4	Virology	5	6	30	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	NA	6	NA		4.67	4.69	SNC
		CC-6	Cell Biology	5	6	30	2023			
		CC-7	Molecular Biology	4	6	24	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	5	2	10	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	4	6	24	2023	4.67	4.69	Q
		CC-9	Environmental Microbiology	5	6	30	2023			
		CC-10	Food and Dairy Microbiology	5	6	30	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	5	6	30	2023	5.00	5.00	Q
		CC-12	Immunology	5	6	30	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	5	6	30	2023			
		DSE-2	Instrumentation and Biotechniques	5	6	30	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	5	6	30	2024	5.25	5.25	Q
		CC-14	Recombinant DNA Technology	5	6	30	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	5	6	30	2024			
		DSE-4	Bio-Safety and Intellectual Property Rights	6	6	36	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **AYAN GOPAL BANERJEE**Roll No. **210331000019**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	9.27	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2022	9.00	8.80	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2023	6.00	6.46	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2023	6.67	6.77	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2023	7.50	7.50	Q
		CC-12	Mechanics I	7	6	42	2023			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2023			
		DSE-2	Probability & Statistics	7	6	42	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2024	8.50	8.50	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2024			
		DSE-4	Mechanics II	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.80										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **BIDISHA BANERJEE**Roll No. **21033100020**

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2021	9.50	9.00	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.00	9.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2022	8.33	8.54	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2023	7.00	7.15	Q
		CC-9	Gastrointestinal Function	5	6	30	2023			
		CC-10	Respiration	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2023			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2023	8.75	8.75	Q
		CC-12	Endocrinology	8	6	48	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.51										


Date of Publication of Result : 31.08.2024

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

Anindya Zoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: BISHAMVAR SALUI

Roll No. 21033100021

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2021	9.00	8.73	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2022	8.50	8.80	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2022	8.67	8.46	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	7.33	7.38	Q
		CC-9	Gastrointestinal Function	5	6	30	2023			
		CC-10	Respiration	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2023			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2023	9.00	9.00	Q
		CC-12	Endocrinology	9	6	54	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	10	6	60	2024	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.54										

Date of Publication of Result : 31.08.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **BUDDHADEB SAHA**Roll No. **21033100022**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.50	9.00	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2022	6.33	6.69	Q
		CC-6	Group Theory I	6	6	36	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2023	7.00	6.92	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2023	7.50	7.50	Q
		CC-12	Mechanics I	7	6	42	2023			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.75										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: CHAYAN GHOSH

Roll No. 21033100023

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2021	9.50	8.73	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	10	6	60	2022	10.00	9.70	Q
		CC-4	Chemistry of Biomolecules	10	6	60	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2022	8.67	8.62	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	8.33	8.38	Q
		CC-9	Gastrointestinal Function	7	6	42	2023			
		CC-10	Respiration	9	6	54	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2023			
PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2023				
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2023	9.00	9.00	Q
		CC-12	Endocrinology	9	6	54	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: DEBARGHYA ADHIKARI

Roll No. 21033100024

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2021	9.50	8.82	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2022	8.00	8.50	Q
		CC-4	Organic Chemistry-II	8	6	48	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2022	6.33	6.08	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2022			
	CC-7	Organic Chemistry-III	5	6	30	2022				
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
IV	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2022	7.33	6.92	Q
		CC-8	Physical Chemistry-III	7	6	42	2023			
	CC-9	Inorganic Chemistry-III	8	6	48	2023				
	CC-10	Organic Chemistry - IV	7	6	42	2023				
V	CHEMISTRY	GE-4	Algebra	5	6	30	2023	6.50	6.50	Q
		SEC-2	Pharmaceutical Chemistry	9	2	18	2023			
	CC-11	Inorganic Chemistry-IV	6	6	36	2023				
	CC-12	Organic Chemistry-V	7	6	42	2023				
VI	CHEMISTRY	DSE-1	Advanced Physical Chemistry	5	6	30	2023	8.00	8.00	Q
		DSE-2	Analytical Methods in Chemistry	8	6	48	2023			
	CC-13	Inorganic Chemistry-V	7	6	42	2024				
	CC-14	Physical Chemistry-IV	7	6	42	2024				
CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2024				
	DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2024				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.39										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	Percentage	Grade Point	
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)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: DEBDAS MONDAL

Roll No. 210331000025

Honours: MICROBIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2021	8.00	7.73	Q
		CC-2	Bacteriology	8	6	48	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	8.50	8.20	Q
		CC-4	Virology	9	6	54	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	5	6	30	2022	5.67	6.08	Q
		CC-6	Cell Biology	6	6	36	2022			
		CC-7	Molecular Biology	6	6	36	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	7	6	42	2023	7.33	7.00	Q
		CC-9	Environmental Microbiology	7	6	42	2023			
		CC-10	Food and Dairy Microbiology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	7	2	14	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2023	7.25	7.25	Q
		CC-12	Immunology	7	6	42	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2023			
		DSE-2	Instrumentation and Biotechniques	6	6	36	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	6	6	36	2024	6.75	6.75	Q
		CC-14	Recombinant DNA Technology	7	6	42	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	7	6	42	2024			
		DSE-4	Bio-Safety and Intellectual Property Rights	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.11							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.11										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:	
	Percentage	Grade Point
90% to 100%	10	9
70% and above but below 80%	8	7
50% and above but below 60%	6	5
35% and above but below 40%	4	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: DEBJYOTI BISWAS

Roll No. 21033100026

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	6.50	7.18	Q
		CC-2	Archegoniatae	7	6	42	2021			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.50	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	6.67	6.62	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	7	6	42	2022			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2022			
BOTANY	SEC-1	Agricultural Botany	5	2	10	2022				
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	6.00	6.23	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2023			
		CC-10	Molecular Biology	5	6	30	2023			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2023			
	BOTANY	SEC-2	Biofertilizers	6	2	12	2023			
V	BOTANY	CC-11	Plant Physiology	6	6	36	2023	5.75	5.75	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	5	6	30	2023			
		DSE-2	Natural Resource Management	7	6	42	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2024	7.25	7.25	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	7	6	42	2024			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.67							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.86										

Date of Publication of Result : 31.08.2024

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

Anindya Jyoti Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: DEBJYOTI MONDAL

Roll No. 21033100027

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.00	8.55	Q
		CC-2	Algebra	9	6	54	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2022	9.00	8.80	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2022	6.00	6.31	Q
		CC-6	Group Theory I	8	6	48	2023			
		CC-7	Numerical Methods	6	6	36	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2023	7.00	6.92	Q
		CC-9	Multivariate Calculus	7	6	42	2023			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	7.00	7.00	Q
		CC-12	Mechanics I	7	6	42	2023			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **HARANATH DAS**Roll No. **21033100029**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.50	9.00	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.00	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	5.00	5.69	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	6	6	36	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2023	8.00	7.69	Q
		CC-9	Multivariate Calculus	8	6	48	2023			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	6.75	6.75	Q
		CC-12	Mechanics I	7	6	42	2023			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.50							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.56										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **INDRANIL GHOSH**Roll No. **21033100030**

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2021	9.00	9.00	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2022	9.50	9.10	Q
		CC-4	Cell Biology	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2022	8.67	8.46	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2022			
		CC-7	Fundamentals of Biochemistry	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2023	8.33	8.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2023			
		CC-10	Immunology	9	6	54	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2023	8.00	8.00	Q
		CC-12	Genetics	8	6	48	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2024	8.50	8.50	Q
		CC-14	Evolutionary Biology	8	6	48	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2024			
		DSE-4	Endocrinology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.52										

Date of Publication of Result : 31.08.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **KABITA MAHARA**Roll No. **210331000031**

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	6.50	7.18	Q
		CC-2	Archegoniatae	7	6	42	2021			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.50	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	6.67	6.62	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	7	6	42	2022			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2022			
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	6.33	6.69	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2023			
		CC-10	Molecular Biology	6	6	36	2023			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2023			
	BOTANY	SEC-2	Biofertilizers	6	2	12	2023			
V	BOTANY	CC-11	Plant Physiology	6	6	36	2023	6.00	6.00	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	6	6	36	2023			
		DSE-2	Natural Resource Management	7	6	42	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.00	7.00	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	7	6	42	2024			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.72							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.94										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **KINGSHUK PAL**Roll No. **210331000032**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	9.09	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2023	5.00	5.23	Q
		CC-6	Group Theory I	4	6	24	2023			
		CC-7	Numerical Methods	5	6	30	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2022			
MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2023	6.00	5.77	Q
		CC-9	Multivariate Calculus	7	6	42	2023			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2023			
MATHEMATICS	SEC-2	Graph Theory	6	2	12	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2023			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2023			
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	5	6	30	2024	5.50	5.50	Q
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	4	6	24	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: KRISHNENDU MONDAL

Roll No. 210331000034

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	9.09	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2023	5.33	5.77	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	5	6	30	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2023	7.00	7.00	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	5.75	5.75	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2023			
		DSE-2	Probability & Statistics	7	6	42	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.00	7.00	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.18										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **MANAS MONDAL**Roll No. **210331000036**

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2021	8.00	7.91	Q
		CC-2	Ecology	8	6	48	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2022	9.00	8.50	Q
		CC-4	Cell Biology	9	6	54	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2022	7.67	7.46	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2023	8.33	8.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2023			
		CC-10	Immunology	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	7.50	7.50	Q
		CC-12	Genetics	8	6	48	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2023			
		DSE-2	Parasitology	8	6	48	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2024	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.80										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **MAYUKH DAS**Roll No. **210331000038**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2021	9.50	8.64	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	10.00	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2023	6.00	6.62	Q
		CC-6	Group Theory I	4	6	24	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2022			
MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2023	6.33	6.77	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	5.75	5.75	Q
		CC-12	Mechanics I	6	6	36	2023			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2023			
		DSE-2	Probability & Statistics	7	6	42	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.25	7.25	Q
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.11							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.27										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: MD MINHAJUDDIN

Roll No. 210331000040

Honours: MICROBIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2021	8.00	8.09	Q
		CC-2	Bacteriology	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	8.50	8.50	Q
		CC-4	Virology	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	6	6	36	2022	6.00	6.31	Q
		CC-6	Cell Biology	7	6	42	2022			
		CC-7	Molecular Biology	5	6	30	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2023	6.33	6.46	Q
		CC-9	Environmental Microbiology	7	6	42	2023			
		CC-10	Food and Dairy Microbiology	6	6	36	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	6	2	12	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2023	7.00	7.00	Q
		CC-12	Immunology	7	6	42	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2023			
		DSE-2	Instrumentation and Biotechniques	6	6	36	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	6	6	36	2024	6.75	6.75	Q
		CC-14	Recombinant DNA Technology	7	6	42	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	6	6	36	2024			
		DSE-4	Bio-Safety and Intellectual Property Rights	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.94							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.11										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:	
	CGPA	Letter Grade
90% to 100%	10	9
70% and above but below 80%	8	7
50% and above but below 60%	6	5
35% and above but below 40%	4	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **PARANTAP BANERJEE**Roll No. **210331000044**

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	6.50	7.00	Q
		CC-2	Archegoniatae	7	6	42	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	8.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2022	8.33	7.62	Q
		CC-6	Plant Systematics	8	6	48	2022			
		CC-7	Economic Botany	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2023	7.33	7.54	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2023			
		CC-10	Molecular Biology	6	6	36	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2023			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.00	7.00	Q
		CC-12	Plant Metabolism	7	6	42	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	6	6	36	2023			
		DSE-2	Natural Resource Management	8	6	48	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2024	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	9	6	54	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.80										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: PATHIK MONDAL

Roll No. 210331000045

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	10	6	60	2021	10.00	9.18	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.50	9.40	Q
		CC-4	Chemistry of Biomolecules	10	6	60	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2022	9.00	8.85	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	9	6	54	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	10	2	20	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	8.67	8.38	Q
		CC-9	Gastrointestinal Function	8	6	48	2023			
		CC-10	Respiration	9	6	54	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2023			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2023	9.00	9.00	Q
		CC-12	Endocrinology	9	6	54	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	10	6	60	2024	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.11							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.94										


Date of Publication of Result : 31.08.2024

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

Anindya Zoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **PREETAM MUSTAFEE**Roll No. **210331000046**

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2021	9.00	8.45	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2022	9.50	9.40	Q
		CC-4	Cell Biology	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	10	6	60	2022	9.33	8.92	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	10	6	60	2022			
		CC-7	Fundamentals of Biochemistry	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2023	9.00	8.77	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2023			
		CC-10	Immunology	9	6	54	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2023			
V	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2023	8.75	8.75	Q
		CC-12	Genetics	9	6	54	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2023			
		DSE-2	Parasitology	9	6	54	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2024	8.50	8.50	Q
		CC-14	Evolutionary Biology	8	6	48	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2024			
		DSE-4	Endocrinology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.79										

Date of Publication of Result : 31.08.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: PRITAM BANERJEE

Roll No. 210331000047

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	8.91	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	5.67	5.92	Q
		CC-6	Group Theory I	5	6	30	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2023	6.67	6.46	Q
		CC-9	Multivariate Calculus	6	6	36	2023			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2023			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	6.50	6.50	Q
		CC-12	Mechanics I	7	6	42	2023			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2023			
		DSE-2	Probability & Statistics	8	6	48	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.39							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.34										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **PRIYA BAYEN**Roll No. **210331000048**

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2021	6.50	6.73	Q
		CC-2	Archegoniatae	6	6	36	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2022	7.00	7.30	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2022	6.33	6.00	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	6	6	36	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2022			
BOTANY	SEC-1	Agricultural Botany	6	2	12	2022				
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	6.33	6.31	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2023			
		CC-10	Molecular Biology	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
	BOTANY	SEC-2	Biofertilizers	7	2	14	2023			
V	BOTANY	CC-11	Plant Physiology	6	6	36	2023	6.00	6.00	Q
		CC-12	Plant Metabolism	5	6	30	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	5	6	30	2023			
		DSE-2	Natural Resource Management	8	6	48	2023			
		DSE-3	Phytoremediation & Immunology	7	6	42	2024			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	7.00	7.00	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	7	6	42	2024			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.50							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.52										

Date of Publication of Result : 31.08.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **PRIYABRATA DEY**Roll No. **210331000049**

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2021	9.00	8.64	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.00	8.80	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2022	7.67	7.62	Q
		CC-6	Circulation	8	6	48	2022			
		CC-7	Functions of The Nervous System	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	7.33	7.38	Q
		CC-9	Gastrointestinal Function	6	6	36	2023			
		CC-10	Respiration	7	6	42	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2023				
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2023	8.00	8.00	Q
		CC-12	Endocrinology	7	6	42	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	8.25	8.25	Q
		CC-14	Formation and Excretion of Urine	7	6	42	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.07										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: RAJLAKSHMI BHATTACHARYA

Roll No. 210331000050

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2021	9.00	8.64	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.00	8.80	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2022	8.33	8.08	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	8.00	7.62	Q
		CC-9	Gastrointestinal Function	7	6	42	2023			
		CC-10	Respiration	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	6	6	36	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2023			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2023	8.75	8.75	Q
		CC-12	Endocrinology	8	6	48	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.41										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: RIMA PARVIN

Roll No. 210331000052

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	10	6	60	2021	10.00	8.36	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.50	9.10	Q
		CC-4	Chemistry of Biomolecules	10	6	60	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	10	6	60	2022	9.33	8.31	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	8.33	8.08	Q
		CC-9	Gastrointestinal Function	7	6	42	2023			
		CC-10	Respiration	9	6	54	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2023			
V	PHYSIOLOGY	CC-11	Special Senses	10	6	60	2023	9.50	9.50	Q
		CC-12	Endocrinology	9	6	54	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2023			
		DSE-2	Sports and Exercise Physiology	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.17							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.66										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **ROHIT MONDAL**Roll No. **210331000055**

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	6.00	6.27	Q
		CC-2	Archegoniatae	6	6	36	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2022	8.00	7.90	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2022	7.00	6.62	Q
		CC-6	Plant Systematics	7	6	42	2022			
		CC-7	Economic Botany	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2022			
BOTANY	SEC-1	Agricultural Botany	8	2	16	2022				
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2023	7.00	6.77	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
BOTANY	SEC-2	Biofertilizers	7	2	14	2023				
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.50	7.50	Q
		CC-12	Plant Metabolism	7	6	42	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2023			
		DSE-2	Natural Resource Management	9	6	54	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2024	8.50	8.50	Q
		CC-14	Plant Biotechnology	9	6	54	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	8	6	48	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.24										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **ROHIT MURMU**Roll No. **21033100056**

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	6.50	7.00	Q
		CC-2	Archegoniatae	7	6	42	2021			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2022	8.50	7.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2023			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2022	7.33	7.15	Q
		CC-6	Plant Systematics	8	6	48	2022			
		CC-7	Economic Botany	7	6	42	2022			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2022			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2023	7.67	7.08	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2023			
		CC-10	Molecular Biology	7	6	42	2023			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2023			
	BOTANY	SEC-2	Biofertilizers	5	2	10	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	7.00	7.00	Q
		CC-12	Plant Metabolism	7	6	42	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2023			
		DSE-2	Natural Resource Management	7	6	42	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2024	6.75	6.75	Q
		CC-14	Plant Biotechnology	7	6	42	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	7	6	42	2024			
		DSE-4	Industrial and Environmental Microbiology	6	6	36	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.22							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.08										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs. <5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **ROHIT PAL**Roll No. **210331000057**

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2021	9.00	8.09	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2022	8.00	8.20	Q
		CC-4	Chemistry of Biomolecules	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2022	7.67	7.62	Q
		CC-6	Circulation	8	6	48	2022			
		CC-7	Functions of The Nervous System	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2023	7.33	7.15	Q
		CC-9	Gastrointestinal Function	6	6	36	2023			
		CC-10	Respiration	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	6	6	36	2023			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2023			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2023	8.50	8.50	Q
		CC-12	Endocrinology	8	6	48	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	8	6	48	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2024	8.25	8.25	Q
		CC-14	Formation and Excretion of Urine	7	6	42	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.94										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SAGAR KAHAR

Roll No. 210331000060

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2021	8.00	7.64	Q
		CC-2	Ecology	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2022	9.50	9.10	Q
		CC-4	Cell Biology	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2022	8.33	8.00	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2022			
		CC-7	Fundamentals of Biochemistry	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2022			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2023	7.33	7.54	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2023			
		CC-10	Immunology	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2023	7.50	7.50	Q
		CC-12	Genetics	7	6	42	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2024	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.85										

Date of Publication of Result : 31.08.2024


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

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SAHELI PAL

Roll No. 210331000061

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2021	8.00	8.36	Q
		CC-2	Mechanics	8	6	48	2021			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2022	9.00	9.30	Q
		CC-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	6	6	36	2022	6.33	6.38	Q
		CC-6	Thermal Physics	6	6	36	2022			
		CC-7	Digital Systems and Applications	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022				
IV	PHYSICS	CC-8	Mathematical Physics-III	6	6	36	2023	6.33	6.23	Q
		CC-9	Elements of Modern Physics	6	6	36	2023			
		CC-10	Analog Systems & Applications	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12	2023				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2023	5.75	5.75	Q
		CC-12	Solid State Physics	7	6	42	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2023			
		DSE-2	Classical Dynamics	4	6	24	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2024	6.50	6.50	Q
		CC-14	Statistical Mechanics	8	6	48	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2024			
		DSE-4	Astronomy and Astrophysics	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.72							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.99										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SAHINUR RAHAMAN

Roll No. 21033100062

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2021	8.50	8.64	Q
		CC-2	Mechanics	9	6	54	2021			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2022	9.00	9.00	Q
		CC-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2022			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2022	5.00	5.23	Q
		CC-6	Thermal Physics	5	6	30	2022			
		CC-7	Digital Systems and Applications	5	6	30	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2022			
PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2022				
IV	PHYSICS	CC-8	Mathematical Physics-III	5	6	30	2023	4.67	5.00	Q
		CC-9	Elements of Modern Physics	5	6	30	2023			
		CC-10	Analog Systems & Applications	4	6	24	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	5	2	10	2023				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2023	5.50	5.50	Q
		CC-12	Solid State Physics	5	6	30	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	5	6	30	2023			
		DSE-2	Classical Dynamics	NA	6	NA				
VI	PHYSICS	CC-13	Electromagnetic Theory	5	6	30	2024	5.50	5.50	Q
		CC-14	Statistical Mechanics	7	6	42	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2024			
		DSE-4	Astronomy and Astrophysics	5	6	30	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SAMADARSHITA SADHU

Roll No. 210331000063

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2021	9.00	8.91	Q
		CC-2	Physical Chemistry-I	10	6	60	2021			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2022	8.50	9.10	Q
		CC-4	Organic Chemistry-II	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2022	6.00	6.31	Q
		CC-6	Inorganic Chemistry-II	6	6	36	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2023	6.33	6.69	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2023			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2023	7.25	7.25	Q
		CC-12	Organic Chemistry-V	7	6	42	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2023			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2024	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	7	6	42	2024			
	CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.66										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SANGITA SENGUPTA

Roll No. 210331000064

Honours: MICROBIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2021	8.00	8.27	Q
		CC-2	Bacteriology	8	6	48	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	8.50	8.50	Q
		CC-4	Virology	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2022	8.00	7.54	Q
		CC-6	Cell Biology	8	6	48	2022			
		CC-7	Molecular Biology	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2022			
MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2022				
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2023	8.67	8.38	Q
		CC-9	Environmental Microbiology	8	6	48	2023			
		CC-10	Food and Dairy Microbiology	9	6	54	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2023				
V	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2023	8.75	8.75	Q
		CC-12	Immunology	9	6	54	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2023			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2024	8.25	8.25	Q
		CC-14	Recombinant DNA Technology	8	6	48	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2024			
		DSE-4	Bio-Safety and Intellectual Property Rights	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.27										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms	Percentage Conversion Formula:	
		= (SGPA or CGPA × 10) - 5.0
	*Letter Grade in CGPA is awarded on the basis of CCs and DSEs	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **SK MOZID**Roll No. **210331000067**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	8.91	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2022	10.00	9.40	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	6.00	7.00	Q
		CC-6	Group Theory I	5	6	30	2022			
		CC-7	Numerical Methods	8	6	48	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2022			
IV	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2022	8.00	7.85	Q
		CC-8	Riemann Integration and Series of Functions	8	6	48	2023			
		CC-9	Multivariate Calculus	8	6	48	2023			
	CC-10	Ring Theory and Linear Algebra I	8	6	48	2023				
V	MATHEMATICS	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023	6.25	6.25	Q
		SEC-2	Graph Theory	9	2	18	2023			
	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023			
		CC-12	Mechanics I	5	6	30	2023			
VI	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2023	8.00	8.00	Q
		DSE-2	Probability & Statistics	8	6	48	2023			
	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2024			
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2024			
MATHEMATICS	DSE-3	Project Work	10	6	60	2024	8.00	8.00	Q	
	DSE-4	Mechanics II	8	6	48	2024				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.83										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SOUMYAJIT DUTTA

Roll No. 210331000068

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	10	6	60	2021	10.00	8.64	Q
		CC-2	Biological Physics and Enzymes	10	6	60	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2022	9.00	9.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2022	8.67	8.08	Q
		CC-6	Circulation	9	6	54	2022			
		CC-7	Functions of The Nervous System	8	6	48	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2022			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2022				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2023	7.67	7.62	Q
		CC-9	Gastrointestinal Function	6	6	36	2023			
		CC-10	Respiration	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2023				
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2023	8.25	8.25	Q
		CC-12	Endocrinology	7	6	42	2023			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2023			
		DSE-2	Sports and Exercise Physiology	8	6	48	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	10	6	60	2024	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2024			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2024			
		DSE-4	Toxicology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.41										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **SOUVIK CHATTOPADHYAY**Roll No. **210331000069**

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2021	8.00	8.36	Q
		CC-2	Mechanics	8	6	48	2021			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	PHYSICS	CC-3	Electricity and Magnetism	10	6	60	2022	9.50	9.40	Q
		CC-4	Waves and Optics	9	6	54	2022			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2022	7.67	8.08	Q
		CC-6	Thermal Physics	7	6	42	2022			
		CC-7	Digital Systems and Applications	8	6	48	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2022			
PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2022				
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2023	7.67	7.92	Q
		CC-9	Elements of Modern Physics	7	6	42	2023			
		CC-10	Analog Systems & Applications	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2023				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2023	7.50	7.50	Q
		CC-12	Solid State Physics	6	6	36	2023			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2023			
		DSE-2	Classical Dynamics	9	6	54	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2024	8.50	8.50	Q
		CC-14	Statistical Mechanics	9	6	54	2024			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2024			
		DSE-4	Astronomy and Astrophysics	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.25										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs. <5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SUBHAM MONDAL

Roll No. 210331000070

Honours: MICROBIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2021	7.00	6.73	Q
		CC-2	Bacteriology	7	6	42	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	8.00	7.60	Q
		CC-4	Virology	8	6	48	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2022	6.33	6.23	Q
		CC-6	Cell Biology	6	6	36	2022			
		CC-7	Molecular Biology	6	6	36	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	6	2	12	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2023	7.33	7.08	Q
		CC-9	Environmental Microbiology	7	6	42	2023			
		CC-10	Food and Dairy Microbiology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2023	7.75	7.75	Q
		CC-12	Immunology	8	6	48	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2023			
		DSE-2	Instrumentation and Biotechniques	7	6	42	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2024	7.75	7.75	Q
		CC-14	Recombinant DNA Technology	8	6	48	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2024			
		DSE-4	Bio-Safety and Intellectual Property Rights	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.39							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.17										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **SUMAN DEY**Roll No. **210331000071**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	8.91	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.20	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2022	5.67	6.46	Q
		CC-6	Group Theory I	5	6	30	2022			
		CC-7	Numerical Methods	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2022			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2023	7.33	7.23	Q
		CC-9	Multivariate Calculus	7	6	42	2023			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2023	6.00	6.00	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2023			
		DSE-2	Probability & Statistics	6	6	36	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2024	7.50	7.50	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.33							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.46										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SUMAN SADHU

Roll No. 210331000072

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	8.91	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	8.80	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2022	7.67	7.69	Q
		CC-6	Group Theory I	7	6	42	2022			
		CC-7	Numerical Methods	9	6	54	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2023	9.00	8.54	Q
		CC-9	Multivariate Calculus	9	6	54	2023			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2023	8.00	8.00	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2023			
		DSE-2	Probability & Statistics	10	6	60	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2024	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2024			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2024			
		DSE-4	Mechanics II	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.46										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **SUNIDHI ROY**Roll No. **210331000073**

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2021	7.00	7.00	Q
		CC-2	Archegoniatae	8	6	48	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2022	9.00	9.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2022	9.00	8.92	Q
		CC-6	Plant Systematics	9	6	54	2022			
		CC-7	Economic Botany	9	6	54	2022			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2022			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2022			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2023	8.33	8.46	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2023			
		CC-10	Molecular Biology	8	6	48	2023			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2023			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2023			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2023	8.25	8.25	Q
		CC-12	Plant Metabolism	8	6	48	2023			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2023			
		DSE-2	Natural Resource Management	10	6	60	2023			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2024	8.50	8.50	Q
		CC-14	Plant Biotechnology	9	6	54	2024			
	BOTANY	DSE-3	Phytoremediation & Immunology	8	6	48	2024			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.38										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 the basis of CCs and DSEs. <5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA×10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: SUPRAVO SHARMA

Roll No. 210331000074

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2021	10.00	8.91	Q
		CC-2	Algebra	10	6	60	2021			
	PHYSICS	GE-1	Mechanics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2022	9.50	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2022			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2022	6.67	6.77	Q
		CC-6	Group Theory I	5	6	30	2022			
		CC-7	Numerical Methods	9	6	54	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2022				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2023	8.67	8.08	Q
		CC-9	Multivariate Calculus	9	6	54	2023			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2023			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2023				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2023	6.50	6.50	Q
		CC-12	Mechanics I	5	6	30	2023			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2023			
		DSE-2	Probability & Statistics	9	6	54	2023			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2024	8.00	8.00	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2024			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2024			
		DSE-4	Mechanics II	6	6	36	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.83										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

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

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **SUSHOBHAN MARDI**Roll No. **210331000075**

Honours: MICROBIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2021	8.50	7.55	Q
		CC-2	Bacteriology	9	6	54	2021			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	8.50	7.90	Q
		CC-4	Virology	9	6	54	2022			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	5	6	30	2022	5.67	5.77	Q
		CC-6	Cell Biology	6	6	36	2022			
		CC-7	Molecular Biology	6	6	36	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	6	2	12	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	7	6	42	2023	6.67	6.92	Q
		CC-9	Environmental Microbiology	6	6	36	2023			
		CC-10	Food and Dairy Microbiology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2023	7.25	7.25	Q
		CC-12	Immunology	7	6	42	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2023			
		DSE-2	Instrumentation and Biotechniques	7	6	42	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2024	6.75	6.75	Q
		CC-14	Recombinant DNA Technology	7	6	42	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	6	6	36	2024			
		DSE-4	Bio-Safety and Intellectual Property Rights	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.97										

Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2024 UNDER CBCS
GRADE CARD

Name: **UMESH MONDAL**Roll No. **210331000078**

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2021	8.50	8.09	Q
		CC-2	Ecology	8	6	48	2021			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2022	8.50	8.20	Q
		CC-4	Cell Biology	8	6	48	2022			
	PHYSIOLOGY	GE-2	Digestion and Metabolism	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2022			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2022	6.67	6.54	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2022			
		CC-7	Fundamentals of Biochemistry	6	6	36	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2022			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2023	6.33	6.62	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2023			
		CC-10	Immunology	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2023	6.75	6.75	Q
		CC-12	Genetics	6	6	36	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2024	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.22							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.23										


Date of Publication of Result : 31.08.2024

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					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 the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	