



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

Name: ANURADHA SHAW

Roll No. 20034060008

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	7	6	42	2020	8.00	8.64	Q
		CC-2	Algebra	9	6	54	2020			
	PHYSICS	GE-1	Mechanics	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	9.10	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021	9.67	9.54	Q
		CC-6	Group Theory I	9	6	54	2021			
		CC-7	Numerical Methods	10	6	60	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2022	10.00	9.77	Q
		CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022	7.25	7.25	Q
		CC-12	Mechanics I	8	6	48	2022			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2022			
		DSE-2	Probability & Statistics	7	6	42	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023	7.25	7.25	Q
		CC-14	Ring Theory and Linear Algebra II	4	6	24	2024			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2023			
		DSE-4	Mechanics II	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.39</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.61</b>										


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				<b>Percentage Conversion Formula:</b> = (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: **CHITRAKSHI BISWAS**Roll No. **200340600013**

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	2020	8.00	7.82	Q
		CC-2	Bacteriology	8	6	48	2020			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2021	9.00	8.90	Q
		CC-4	Virology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	9	6	54	2021	8.33	8.54	Q
		CC-6	Cell Biology	8	6	48	2021			
		CC-7	Molecular Biology	8	6	48	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2021			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2022	8.67	8.54	Q
		CC-9	Environmental Microbiology	9	6	54	2022			
		CC-10	Food and Dairy Microbiology	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2022			
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	8	6	48	2023			
		DSE-2	Instrumentation and Biotechniques	9	6	54	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2024	7.75	7.75	Q
		CC-14	Recombinant DNA Technology	7	6	42	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2024			
		DSE-4	Plant Pathology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.39</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.38</b>										

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
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	
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: LIMA JANA

Roll No. 200340600027

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	8	6	48	2020	8.50	8.64	Q
		CC-2	Algebra	9	6	54	2020			
	PHYSICS	GE-1	Mechanics	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	9.30	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021	9.33	9.08	Q
		CC-6	Group Theory I	9	6	54	2021			
		CC-7	Numerical Methods	9	6	54	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2021			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2022	10.00	9.54	Q
		CC-9	Multivariate Calculus	10	6	60	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022	6.75	6.75	Q
		CC-12	Mechanics I	5	6	30	2022			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2022			
		DSE-2	Probability & Statistics	7	6	42	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023	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	2023			
		DSE-4	Mechanics II	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.28</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.42</b>										


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				<b>Percentage Conversion Formula:</b> = (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: **ADRITA RANA**Roll No. **21034060001**

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.73	Q
		CC-2	Nutritional Aspect of Food Items	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	9	4	36	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2022	8.50	8.10	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2022	8.00	7.85	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2023	7.33	7.38	Q
		CC-9	Community Nutrition and Epidemiology	7	6	42	2023			
		CC-10	Diet Therapy-II	7	6	42	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2023	7.75	7.75	Q
		CC-12	Medical Microbiology and Pathology	7	6	42	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	8	6	48	2023			
		DSE-2	Molecular Biology	7	6	42	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	8.50	8.50	Q
		CC-14	Food Safety and Food Standard	8	6	48	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	8	6	48	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.06</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.03</b>										

Date of Publication of Result : 31.08.2024

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

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

*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	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	Grade	
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: **AISHI MONDAL**Roll No. **21034060002**

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	9.00	8.64	Q
		CC-2	Nutritional Aspect of Food Items	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	7	4	28	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	9	6	54	2022	9.00	9.00	Q
		CC-4	Physiological Aspect of Nutrition	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	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2022	7.67	7.62	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2022			
		CC-7	Diet Therapy - I	6	6	36	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	6	2	12	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	9.00	8.62	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2023			
		CC-10	Diet Therapy-II	9	6	54	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2023			
NUTRITION	SEC-2	Immunology, Toxicology and Public Health	10	2	20	2023				
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	7	6	42	2023	7.75	7.75	Q
		CC-12	Medical Microbiology and Pathology	7	6	42	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	8	6	48	2023			
		DSE-2	Molecular Biology	9	6	54	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	8.75	8.75	Q
		CC-14	Food Safety and Food Standard	8	6	48	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	8	6	48	2024			
		DSE-4	Food Spoilage and Food Preservation	10	6	60	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.44</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.37</b>										

Date of Publication of Result : 31.08.2024


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

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

*Avinnya 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				<b>Percentage Conversion Formula:</b> = (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: AISWARYA MURMU

Roll No. 21034060003

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	8	6	48	2021	7.00	7.00	Q
		CC-2	Nutritional Aspect of Food Items	6	6	36	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	6	6	36	2022	7.00	7.50	Q
		CC-4	Physiological Aspect of Nutrition	8	6	48	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	5	6	30	2022	6.00	5.69	Q
		CC-6	Nutrition: Life Cycle Approach	7	6	42	2022			
		CC-7	Diet Therapy - I	6	6	36	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	5	2	10	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	7	6	42	2023	6.67	6.31	Q
		CC-9	Community Nutrition and Epidemiology	6	6	36	2023			
		CC-10	Diet Therapy-II	7	6	42	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	5	6	30	2023			
NUTRITION	SEC-2	Immunology, Toxicology and Public Health	7	2	14	2023				
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	7	6	42	2023	7.00	7.00	Q
		CC-12	Medical Microbiology and Pathology	7	6	42	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	6	6	36	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	8	6	48	2024	7.75	7.75	Q
		CC-14	Food Safety and Food Standard	7	6	42	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	8	6	48	2024			
		DSE-4	Food Spoilage and Food Preservation	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.94</b>							Letter Grade in CGPA : <b>B+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.83</b>										

Date of Publication of Result : 31.08.2024

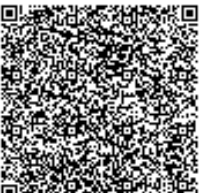
$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

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

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
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				<b>Percentage Conversion Formula:</b> = (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 DEY**Roll No. **210340600005**

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	9.00	8.82	Q
		CC-2	Nutritional Aspect of Food Items	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	8	4	32	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	10	6	60	2022	10.00	9.30	Q
		CC-4	Physiological Aspect of Nutrition	10	6	60	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2022	8.00	8.08	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	8.33	8.00	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	8	6	48	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2023	8.75	8.75	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	9	6	54	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.78</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.62</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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 CHAKRABORTY

Roll No. 21034060006

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.55	Q
		CC-2	Nutritional Aspect of Food Items	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	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2022	8.50	8.70	Q
		CC-4	Physiological Aspect of Nutrition	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	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2022	7.67	7.77	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	8.00	8.08	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	7	6	42	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2023			
NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2023				
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	8	6	48	2023	7.25	7.25	Q
		CC-12	Medical Microbiology and Pathology	7	6	42	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	6	6	36	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	8.75	8.75	Q
		CC-14	Food Safety and Food Standard	8	6	48	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	8	6	48	2024			
		DSE-4	Food Spoilage and Food Preservation	10	6	60	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.06</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.15</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: ANJALI MISTRI

Roll No. 210340600008

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	5	6	30	2021	6.50	7.55	Q
		CC-2	Ecology	8	6	48	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	10	4	40	2021			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2022	6.50	7.30	Q
		CC-4	Cell Biology	8	6	48	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	ZOOLOGY	CC-5	Chordates	4	6	24	2022	4.67	5.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2022			
		CC-7	Fundamentals of Biochemistry	5	6	30	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2022			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	4	6	24	2023	5.00	5.46	Q
		CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2023			
		CC-10	Immunology	6	6	36	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	6	6	36	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2023	6.25	6.25	Q
		CC-12	Genetics	7	6	42	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2023			
		DSE-2	Parasitology	5	6	30	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2024	7.00	7.00	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2024			
		DSE-4	Endocrinology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.00</b>							<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.37</b>										

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				<b>Percentage Conversion Formula:</b> = (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 DAS

Roll No. 21034060009

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	9.00	8.82	Q
		CC-2	Nutritional Aspect of Food Items	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	8	4	32	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	9	6	54	2022	9.00	8.70	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2022	7.33	7.62	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	9.00	9.00	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2023			
		CC-10	Diet Therapy-II	9	6	54	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2023	8.75	8.75	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	8	6	48	2023			
		DSE-2	Molecular Biology	9	6	54	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	8.50	8.50	Q
		CC-14	Food Safety and Food Standard	8	6	48	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	9	6	54	2024			
		DSE-4	Food Spoilage and Food Preservation	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.56</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.55</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: ANUSHA GHOSH

Roll No. 210340600010

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	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	9	4	36	2021			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2022	8.50	8.70	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	9	2	18	2022			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2022	7.00	7.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	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	6	6	36	2023	6.67	6.85	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2023			
		CC-10	Immunology	7	6	42	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2023			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2023	6.50	6.50	Q
		CC-12	Genetics	7	6	42	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2024			
		DSE-4	Endocrinology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.22</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.49</b>										

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				<b>Percentage Conversion Formula:</b> = (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: ANUSKA BISWAS

Roll No. 210340600011

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			
	ZOOLOGY	GE-1	Animal Diversity	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	8.00	7.80	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2022	6.00	6.62	Q
		CC-6	Cell Biology	6	6	36	2022			
		CC-7	Molecular Biology	5	6	30	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	7	6	42	2023	7.33	7.85	Q
		CC-9	Environmental Microbiology	8	6	48	2023			
		CC-10	Food and Dairy Microbiology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	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	8	6	48	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	7	6	42	2024	6.75	6.75	Q
		CC-14	Recombinant DNA Technology	6	6	36	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	7	6	42	2024			
		DSE-4	Plant Pathology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.17</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.39</b>										

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
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	
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: ANUSUA BHATTACHARYYA

Roll No. 210340600012

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	9.50	9.45	Q
		CC-2	Ecology	10	6	60	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	10	4	40	2021			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2022	9.00	9.00	Q
		CC-4	Cell Biology	10	6	60	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	9	2	18	2022			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2022	8.33	8.54	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	9	6	54	2022			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2023	9.00	8.85	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	10	2	20	2023			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2023	8.75	8.75	Q
		CC-12	Genetics	9	6	54	2023			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2023			
		DSE-2	Parasitology	9	6	54	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2024	8.75	8.75	Q
		CC-14	Evolutionary Biology	8	6	48	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2024			
		DSE-4	Endocrinology	10	6	60	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.83</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.87</b>										

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				<b>Percentage Conversion Formula:</b> = (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: **ARCHEE SANTRA**Roll No. **210340600013**

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	7.36	Q
		CC-2	Bacteriology	8	6	48	2021			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2022	7.00	6.90	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	4	6	24	2022	4.67	5.38	Q
		CC-6	Cell Biology	5	6	30	2022			
		CC-7	Molecular Biology	5	6	30	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	6	6	36	2023	6.33	6.54	Q
		CC-9	Environmental Microbiology	7	6	42	2023			
		CC-10	Food and Dairy Microbiology	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	7	2	14	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2023	6.50	6.50	Q
		CC-12	Immunology	6	6	36	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2023			
		DSE-2	Instrumentation and Biotechniques	5	6	30	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	6	6	36	2024	5.75	5.75	Q
		CC-14	Recombinant DNA Technology	5	6	30	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	5	6	30	2024			
		DSE-4	Plant Pathology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.22</b>							<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.37</b>										

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
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	
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 GHOSH

Roll No. 210340600014

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	8.00	Q
		CC-2	Bacteriology	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	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	7.50	7.50	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	6	6	36	2022	5.67	6.38	Q
		CC-6	Cell Biology	5	6	30	2022			
		CC-7	Molecular Biology	6	6	36	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	7	6	42	2023	6.67	7.08	Q
		CC-9	Environmental Microbiology	7	6	42	2023			
		CC-10	Food and Dairy Microbiology	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2023	6.75	6.75	Q
		CC-12	Immunology	7	6	42	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2023			
		DSE-2	Instrumentation and Biotechniques	5	6	30	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2024	7.50	7.50	Q
		CC-14	Recombinant DNA Technology	7	6	42	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2024			
		DSE-4	Plant Pathology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.00</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.17</b>										


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				<b>Percentage Conversion Formula:</b> = (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: ARPITA SARKAR

Roll No. 210340600015

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.55	Q
		CC-2	Nutritional Aspect of Food Items	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	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2022	8.00	7.80	Q
		CC-4	Physiological Aspect of Nutrition	8	6	48	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	6	6	36	2022	6.33	6.46	Q
		CC-6	Nutrition: Life Cycle Approach	7	6	42	2022			
		CC-7	Diet Therapy - I	6	6	36	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	6	2	12	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	6	6	36	2023	6.67	6.54	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	6	6	36	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	6	6	36	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	7	2	14	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	6	6	36	2023	6.00	6.00	Q
		CC-12	Medical Microbiology and Pathology	5	6	30	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	6	6	36	2023			
		DSE-2	Molecular Biology	7	6	42	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	5	6	30	2024	5.75	5.75	Q
		CC-14	Food Safety and Food Standard	6	6	36	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	5	6	30	2024			
		DSE-4	Food Spoilage and Food Preservation	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.61</b>							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.79</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: **DEBASMITA HAZARY**Roll No. **210340600016**

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	8	6	48	2021	8.00	8.00	Q
		CC-2	Nutritional Aspect of Food Items	8	6	48	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	8	4	32	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	6	6	36	2022	7.00	7.50	Q
		CC-4	Physiological Aspect of Nutrition	8	6	48	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	6	6	36	2022	6.00	6.15	Q
		CC-6	Nutrition: Life Cycle Approach	6	6	36	2022			
		CC-7	Diet Therapy - I	6	6	36	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	7	6	42	2023	6.67	6.85	Q
		CC-9	Community Nutrition and Epidemiology	7	6	42	2023			
		CC-10	Diet Therapy-II	6	6	36	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	7	6	42	2023	8.00	8.00	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	7	6	42	2024	7.75	7.75	Q
		CC-14	Food Safety and Food Standard	7	6	42	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	8	6	48	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.28</b>							Letter Grade in CGPA : <b>A</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.34</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: DONA GHOSH

Roll No. 210340600017

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	8.82	Q
		CC-2	Bacteriology	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	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	7.50	8.10	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2022	7.67	8.23	Q
		CC-6	Cell Biology	8	6	48	2022			
		CC-7	Molecular Biology	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	7	6	42	2023	7.00	7.69	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	9	6	54	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	6	6	36	2023	6.50	6.50	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	5	6	30	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	Plant Pathology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.22</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.66</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: FARHIN DEWAN

Roll No. 210340600018

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			
	ZOOLOGY	GE-1	Animal Diversity	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	8.50	8.40	Q
		CC-4	Virology	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2022	7.00	7.46	Q
		CC-6	Cell Biology	7	6	42	2022			
		CC-7	Molecular Biology	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	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	8.08	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	10	6	60	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2023	8.25	8.25	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	8	6	48	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	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	Plant Pathology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.89</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.06</b>										

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
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	
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: FARHIN SULTANA

Roll No. 210340600019

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	8.55	Q
		CC-2	Bacteriology	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	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	8.00	8.20	Q
		CC-4	Virology	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	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	9	6	54	2022	8.67	8.77	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	9	6	54	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2023	8.00	8.62	Q
		CC-9	Environmental Microbiology	9	6	54	2023			
		CC-10	Food and Dairy Microbiology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2023	8.50	8.50	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	8.50	8.50	Q
		CC-14	Recombinant DNA Technology	8	6	48	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2024			
		DSE-4	Plant Pathology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.39</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.54</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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 CHOWDHURY**Roll No. **210340600021**

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	8.00	8.09	Q
		CC-2	Physical Chemistry-I	8	6	48	2021			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2022	7.00	7.90	Q
		CC-4	Organic Chemistry-II	7	6	42	2022			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2022	4.67	4.92	Q
		CC-6	Inorganic Chemistry-II	5	6	30	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2022			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	4	2	8	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2023	4.67	4.62	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2023			
	PHYSICS	GE-4	Waves and Optics	4	6	24	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	5	6	30	2023	5.25	5.25	Q
		CC-12	Organic Chemistry-V	5	6	30	2023			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	5	6	30	2023			
		DSE-2	Analytical Methods in Chemistry	6	6	36	2023			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2024	7.25	7.25	Q
		CC-14	Physical Chemistry-IV	5	6	30	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 : <b>6.00</b>							<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.23</b>										

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: LISA SAMANTA

Roll No. 210340600022

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	8.50	8.55	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2022	9.00	9.30	Q
		CC-4	Organic Chemistry-II	8	6	48	2022			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2022	5.67	6.15	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2022			
	CC-7	Organic Chemistry-III	5	6	30	2022				
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
IV	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2022	6.00	5.69	Q
		CC-8	Physical Chemistry-III	6	6	36	2023			
	CC-9	Inorganic Chemistry-III	6	6	36	2023				
	CC-10	Organic Chemistry - IV	6	6	36	2023				
V	CHEMISTRY	GE-4	Waves and Optics	4	6	24	2023	6.75	6.75	Q
		PHYSICS	SEC-2	Pharmaceutical Chemistry	8	2	16			
	CHEMISTRY	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	7	6	42	2023	7.75	7.75	Q
		DSE-2	Analytical Methods in Chemistry	7	6	42	2023			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2024			
		CC-14	Physical Chemistry-IV	5	6	30	2024			
CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2024	7.75	7.75	Q	
	DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2024				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.11</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.25</b>										

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.

Grade Point Norms	Percentage Conversion Formula:			
	CGPA	Letter Grade		
90% to 100%	10	80% and above but below 90%	9	<b>Percentage Conversion Formula:</b> = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
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: **MANAMI BANERJEE**Roll No. **210340600024**

Honours: GEOGRAPHY										
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	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	7	6	42	2021	7.00	6.82	Q
		CC-2	Cartographic Techniques and Geological map study	7	6	42	2021			
	ECONOMICS	GE-1	Microeconomics	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021			
II	GEOGRAPHY	CC-3	Human Geography	8	6	48	2022	7.50	7.50	Q
		CC-4	Cartograms, Survey and Thematic Mapping	7	6	42	2022			
	ECONOMICS	GE-2	Macroeconomics	7	6	42	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	GEOGRAPHY	CC-5	Climatology	6	6	36	2022	6.67	6.69	Q
		CC-6	Statistical Methods in Geography	8	6	48	2022			
		CC-7	Geography of India	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2022			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	9	2	18	2022			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	5	6	30	2023	6.67	6.23	Q
		CC-9	Economic Geography	7	6	42	2023			
		CC-10	Environmental Geography	8	6	48	2023			
	MATHEMATICS	GE-4	Algebra	4	6	24	2023			
	GEOGRAPHY	SEC-2	Field Work	9	2	18	2023			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	8	6	48	2023	7.50	7.50	Q
		CC-12	Remote Sensing and GIS	8	6	48	2023			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	7	6	42	2023			
		DSE-2	Population Geography	7	6	42	2023			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	8	6	48	2024	7.25	7.25	Q
		CC-14	Disaster Management	7	6	42	2024			
	GEOGRAPHY	DSE-3	Resource Geography	7	6	42	2024			
		DSE-4	Soil and Bio Geography	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.11</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.97</b>										

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: MASUMA KHATUN

Roll No. 210340600025

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	7.50	8.09	Q
		CC-2	Ecology	8	6	48	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	10	4	40	2021			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2022	8.00	8.40	Q
		CC-4	Cell Biology	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2022	6.00	6.69	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2022			
		CC-7	Fundamentals of Biochemistry	6	6	36	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2023	7.67	7.62	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2023			
		CC-10	Immunology	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	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	8	6	48	2023			
		DSE-2	Parasitology	7	6	42	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2024			
		DSE-4	Endocrinology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.33</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.59</b>										

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				<b>Percentage Conversion Formula:</b> = (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: NAJMA MALLICK

Roll No. 210340600027

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	8.00	8.36	Q
		CC-2	Physical Chemistry-I	7	6	42	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	9	6	54	2022	9.00	9.30	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	9	2	18	2022			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2022	6.67	6.85	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2022			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2022			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2023	6.00	6.00	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2023			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2023			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2023			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2023	7.25	7.25	Q
		CC-12	Organic Chemistry-V	6	6	36	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	6	6	36	2024			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2024			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.44</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.58</b>										


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				<b>Percentage Conversion Formula:</b> = (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: NIBEDITA PAL

Roll No. 210340600028

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	7.82	Q
		CC-2	Bacteriology	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	7.50	7.50	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2022	7.00	7.08	Q
		CC-6	Cell Biology	7	6	42	2022			
		CC-7	Molecular Biology	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	7	6	42	2023	7.33	7.85	Q
		CC-9	Environmental Microbiology	8	6	48	2023			
		CC-10	Food and Dairy Microbiology	7	6	42	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2023	8.00	8.00	Q
		CC-12	Immunology	9	6	54	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	8	6	48	2024	7.75	7.75	Q
		CC-14	Recombinant DNA Technology	7	6	42	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2024			
		DSE-4	Plant Pathology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.67</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.66</b>										

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	
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				<b>Percentage Conversion Formula:</b> = (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: PAYEL BHADRA

Roll No. 210340600029

Honours: GEOGRAPHY										
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	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	7	6	42	2021	7.00	7.00	Q
		CC-2	Cartographic Techniques and Geological map study	7	6	42	2021			
	ECONOMICS	GE-1	Microeconomics	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	GEOGRAPHY	CC-3	Human Geography	9	6	54	2022	8.00	8.10	Q
		CC-4	Cartograms, Survey and Thematic Mapping	7	6	42	2022			
	ECONOMICS	GE-2	Macroeconomics	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	GEOGRAPHY	CC-5	Climatology	5	6	30	2022	6.00	6.08	Q
		CC-6	Statistical Methods in Geography	7	6	42	2022			
		CC-7	Geography of India	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	10	2	20	2022			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	6	6	36	2023			SNC
		CC-9	Economic Geography	7	6	42	2023			
		CC-10	Environmental Geography	7	6	42	2023			
	MATHEMATICS	GE-4	Algebra	NA	6	NA				
	GEOGRAPHY	SEC-2	Field Work	9	2	18	2023			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	8	6	48	2023	6.50	6.50	Q
		CC-12	Remote Sensing and GIS	7	6	42	2023			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	7	6	42	2023			
		DSE-2	Population Geography	4	6	24	2023			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	7	6	42	2024	6.25	6.25	Q
		CC-14	Disaster Management	7	6	42	2024			
	GEOGRAPHY	DSE-3	Resource Geography	5	6	30	2024			
		DSE-4	Soil and Bio Geography	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


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

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

*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				<b>Percentage Conversion Formula:</b> = (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: PAYEL HANRA

Roll No. 210340600030

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	7.82	Q
		CC-2	Bacteriology	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	7.50	7.50	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	6	6	36	2022	6.00	6.31	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	7.00	7.31	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	8	6	48	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2023	7.25	7.25	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	6	6	36	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	Plant Pathology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.06</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.13</b>										

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
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	
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: **PRITHA CHAKRABORTY**Roll No. **210340600032**

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	7.00	Q
		CC-2	Bacteriology	8	6	48	2021			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	7.50	7.20	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	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	6	6	36	2023	6.00	6.77	Q
		CC-9	Environmental Microbiology	6	6	36	2023			
		CC-10	Food and Dairy Microbiology	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	7	2	14	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2023	6.50	6.50	Q
		CC-12	Immunology	6	6	36	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2023			
		DSE-2	Instrumentation and Biotechniques	6	6	36	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	6	6	36	2024	6.25	6.25	Q
		CC-14	Recombinant DNA Technology	5	6	30	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	7	6	42	2024			
		DSE-4	Plant Pathology	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.61</b>							<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.63</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: **PUSHPITA KUNDU**Roll No. **210340600033**

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			
	ZOOLOGY	GE-1	Animal Diversity	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	8.00	7.80	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2022	8.00	8.15	Q
		CC-6	Cell Biology	8	6	48	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	10	2	20	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2023	8.67	9.00	Q
		CC-9	Environmental Microbiology	8	6	48	2023			
		CC-10	Food and Dairy Microbiology	9	6	54	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2023	9.00	9.00	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	9	6	54	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2024	8.75	8.75	Q
		CC-14	Recombinant DNA Technology	9	6	54	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2024			
		DSE-4	Plant Pathology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.56</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.52</b>										

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
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	



Grade Point Norms	Grade Point	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)



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

Name: **RAFIKA YEASMIN**Roll No. **210340600034**

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	8.64	Q
		CC-2	Ecology	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	10	4	40	2021			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2022	7.50	8.10	Q
		CC-4	Cell Biology	8	6	48	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	9	2	18	2022			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2022	6.00	6.92	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2022			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2022			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	4	6	24	2023	5.67	6.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2023			
		CC-10	Immunology	7	6	42	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	10	2	20	2023			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2023	7.00	7.00	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	6	6	36	2024	6.75	6.75	Q
		CC-14	Evolutionary Biology	7	6	42	2024			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2024			
		DSE-4	Endocrinology	6	6	36	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.72</b>							<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.23</b>										

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				<b>Percentage Conversion Formula:</b> = (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: **RIKTHA KARMAKAR**Roll No. **210340600035**

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			
	ZOOLOGY	GE-1	Animal Diversity	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	8.50	8.50	Q
		CC-4	Virology	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	9	6	54	2022	8.67	8.46	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	8	6	48	2023	8.00	8.62	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	10	6	60	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2023	8.50	8.50	Q
		CC-12	Immunology	9	6	54	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2023			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	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	Plant Pathology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.33</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.39</b>										

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
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	
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: RIYA SADHUKHAN

Roll No. 210340600036

Honours: GEOGRAPHY										
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	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	8	6	48	2021	8.00	8.00	Q
		CC-2	Cartographic Techniques and Geological map study	8	6	48	2021			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	GEOGRAPHY	CC-3	Human Geography	8	6	48	2022	8.00	8.20	Q
		CC-4	Cartograms, Survey and Thematic Mapping	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	GEOGRAPHY	CC-5	Climatology	7	6	42	2022	7.33	7.38	Q
		CC-6	Statistical Methods in Geography	9	6	54	2022			
		CC-7	Geography of India	6	6	36	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2023			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	9	2	18	2022			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	8	6	48	2023	8.00	7.85	Q
		CC-9	Economic Geography	8	6	48	2023			
		CC-10	Environmental Geography	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	GEOGRAPHY	SEC-2	Field Work	9	2	18	2023			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	8	6	48	2023	7.50	7.50	Q
		CC-12	Remote Sensing and GIS	7	6	42	2023			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2023			
		DSE-2	Population Geography	7	6	42	2023			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	8	6	48	2024	7.25	7.25	Q
		CC-14	Disaster Management	7	6	42	2024			
	GEOGRAPHY	DSE-3	Resource Geography	6	6	36	2024			
		DSE-4	Soil and Bio Geography	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.61</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.68</b>										

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				<b>Percentage Conversion Formula:</b> = (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: SAHIN MALLICK

Roll No. 210340600037

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	8	6	48	2021	7.50	7.82	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	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	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2022	8.00	8.10	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	5	6	30	2022	5.67	5.85	Q
		CC-6	Nutrition: Life Cycle Approach	6	6	36	2022			
		CC-7	Diet Therapy - I	6	6	36	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	7	2	14	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	7	6	42	2023	7.00	6.85	Q
		CC-9	Community Nutrition and Epidemiology	7	6	42	2023			
		CC-10	Diet Therapy-II	7	6	42	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	6	6	36	2023			
NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2023				
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	6	6	36	2023	6.50	6.50	Q
		CC-12	Medical Microbiology and Pathology	6	6	36	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	7	6	42	2023			
		DSE-2	Molecular Biology	7	6	42	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	6	6	36	2024	6.50	6.50	Q
		CC-14	Food Safety and Food Standard	7	6	42	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	6	6	36	2024			
		DSE-4	Food Spoilage and Food Preservation	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.72</b>							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.87</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: SAINIKA SAREN

Roll No. 210340600038

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	7.50	6.73	Q
		CC-2	Bacteriology	8	6	48	2021			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2022	6.50	6.00	Q
		CC-4	Virology	6	6	36	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	4	6	24	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	5	6	30	2022	4.67	5.31	Q
		CC-6	Cell Biology	5	6	30	2022			
		CC-7	Molecular Biology	4	6	24	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	6	2	12	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2023	6.00	6.62	Q
		CC-9	Environmental Microbiology	6	6	36	2023			
		CC-10	Food and Dairy Microbiology	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	6	6	36	2023	5.75	5.75	Q
		CC-12	Immunology	5	6	30	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2023			
		DSE-2	Instrumentation and Biotechniques	5	6	30	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	5	6	30	2024	5.00	5.00	Q
		CC-14	Recombinant DNA Technology	4	6	24	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	6	6	36	2024			
		DSE-4	Plant Pathology	5	6	30	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>5.72</b>							<b>Letter Grade in CGPA : B</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>5.89</b>										

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%
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: SANCHITA CHOWDHURY

Roll No. 210340600039

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	7.50	7.27	Q
		CC-2	Bacteriology	7	6	42	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	7.50	7.90	Q
		CC-4	Virology	7	6	42	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	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	6	6	36	2022	6.00	6.31	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	6.67	7.00	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	8	6	48	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	7	2	14	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2023	6.50	6.50	Q
		CC-12	Immunology	6	6	36	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2023			
		DSE-2	Instrumentation and Biotechniques	6	6	36	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2024	6.50	6.50	Q
		CC-14	Recombinant DNA Technology	6	6	36	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	7	6	42	2024			
		DSE-4	Plant Pathology	6	6	36	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.67</b>							<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.87</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: SANGITA HAZRA

Roll No. 210340600040

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.55	Q
		CC-2	Nutritional Aspect of Food Items	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	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2022	9.00	9.00	Q
		CC-4	Physiological Aspect of Nutrition	10	6	60	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	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	9	6	54	2022	8.00	8.00	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	8.33	8.23	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	8	6	48	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	8	6	48	2023	8.25	8.25	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	9.25	9.25	Q
		CC-14	Food Safety and Food Standard	10	6	60	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	9	6	54	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.56</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.52</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: SARANI KUNDU

Roll No. 210340600041

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	8	6	48	2021	8.00	8.27	Q
		CC-2	Nutritional Aspect of Food Items	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	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2022	8.00	8.20	Q
		CC-4	Physiological Aspect of Nutrition	8	6	48	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	6	6	36	2022	6.67	6.85	Q
		CC-6	Nutrition: Life Cycle Approach	7	6	42	2022			
		CC-7	Diet Therapy - I	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2023	8.00	7.69	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	8	6	48	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	7	2	14	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	8	6	48	2023	7.75	7.75	Q
		CC-12	Medical Microbiology and Pathology	7	6	42	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	8	6	48	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	8	6	48	2024	8.25	8.25	Q
		CC-14	Food Safety and Food Standard	9	6	54	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	7	6	42	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.78</b>							Letter Grade in CGPA : <b>A</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.80</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: **SARBANI GHOSH**Roll No. **210340600042**

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.55	Q
		CC-2	Nutritional Aspect of Food Items	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	NUTRITION	CC-3	Nutritional Physiology-II	9	6	54	2022	9.00	9.00	Q
		CC-4	Physiological Aspect of Nutrition	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	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	9	6	54	2022	8.67	8.38	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	7	2	14	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	8.33	8.31	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	8	6	48	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2023	9.25	9.25	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	10	6	60	2023			
		DSE-2	Molecular Biology	9	6	54	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	9.50	9.50	Q
		CC-14	Food Safety and Food Standard	9	6	54	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	10	6	60	2024			
		DSE-4	Food Spoilage and Food Preservation	10	6	60	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.94</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.82</b>										


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				<b>Percentage Conversion Formula:</b> = (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: SHABNAM KHATUN

Roll No. 210340600044

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.55	Q
		CC-2	Nutritional Aspect of Food Items	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	NUTRITION	CC-3	Nutritional Physiology-II	9	6	54	2022	9.50	9.40	Q
		CC-4	Physiological Aspect of Nutrition	10	6	60	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	10	2	20	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2022	8.00	7.77	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2023	8.33	8.62	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	9	6	54	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	10	2	20	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2023	8.75	8.75	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2023			
		DSE-2	Molecular Biology	9	6	54	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	8	6	48	2024	8.00	8.00	Q
		CC-14	Food Safety and Food Standard	8	6	48	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	8	6	48	2024			
		DSE-4	Food Spoilage and Food Preservation	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.44</b>							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.48</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: **SHILPI SARKAR**Roll No. **210340600045**

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	8.55	Q
		CC-2	Physical Chemistry-I	9	6	54	2021			
	MATHEMATICS	GE-1	Differential Calculus	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	8.80	Q
		CC-4	Organic Chemistry-II	8	6	48	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	5	6	30	2022	5.67	6.08	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2022			
	CC-7	Organic Chemistry-III	5	6	30	2022				
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2022			
IV	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2022	5.67	6.00	Q
		CC-8	Physical Chemistry-III	6	6	36	2023			
	CC-9	Inorganic Chemistry-III	5	6	30	2023				
	CC-10	Organic Chemistry - IV	6	6	36	2023				
V	CHEMISTRY	GE-4	Waves and Optics	6	6	36	2023	6.00	6.00	Q
		PHYSICS	SEC-2	Pharmaceutical Chemistry	9	2	18			
	CHEMISTRY	CC-11	Inorganic Chemistry-IV	5	6	30	2023			
		CC-12	Organic Chemistry-V	6	6	36	2023			
VI	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2023	7.50	7.50	Q
		DSE-2	Analytical Methods in Chemistry	6	6	36	2023			
	CHEMISTRY	CC-13	Inorganic Chemistry-V	6	6	36	2024			
		CC-14	Physical Chemistry-IV	6	6	36	2024			
CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2024	7.50	7.50	Q	
	DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2024				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.78</b>							<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.06</b>										

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: SHREETAMA GHOSH

Roll No. 210340600046

Honours: GEOGRAPHY										
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	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	7	6	42	2021	7.50	7.36	Q
		CC-2	Cartographic Techniques and Geological map study	8	6	48	2021			
	ECONOMICS	GE-1	Microeconomics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021			
II	GEOGRAPHY	CC-3	Human Geography	8	6	48	2022	8.00	8.10	Q
		CC-4	Cartograms, Survey and Thematic Mapping	8	6	48	2022			
	ECONOMICS	GE-2	Macroeconomics	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	GEOGRAPHY	CC-5	Climatology	6	6	36	2022	6.67	6.54	Q
		CC-6	Statistical Methods in Geography	8	6	48	2022			
		CC-7	Geography of India	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2022			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	10	2	20	2022			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	6	6	36	2023	7.33	6.92	Q
		CC-9	Economic Geography	8	6	48	2023			
		CC-10	Environmental Geography	8	6	48	2023			
	MATHEMATICS	GE-4	Algebra	5	6	30	2023			
	GEOGRAPHY	SEC-2	Field Work	9	2	18	2023			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	8	6	48	2023	7.75	7.75	Q
		CC-12	Remote Sensing and GIS	8	6	48	2023			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2023			
		DSE-2	Population Geography	7	6	42	2023			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	7	6	42	2024	7.00	7.00	Q
		CC-14	Disaster Management	7	6	42	2024			
	GEOGRAPHY	DSE-3	Resource Geography	7	6	42	2024			
		DSE-4	Soil and Bio Geography	7	6	42	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.33</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.24</b>										

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
	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)



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

Name: SHREYA CHATTOPADHYAY

Roll No. 210340600047

Honours: GEOGRAPHY										
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	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	8	6	48	2021	8.50	8.09	Q
		CC-2	Cartographic Techniques and Geological map study	9	6	54	2021			
	ECONOMICS	GE-1	Microeconomics	8	6	48	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	GEOGRAPHY	CC-3	Human Geography	9	6	54	2022	9.00	8.70	Q
		CC-4	Cartograms, Survey and Thematic Mapping	9	6	54	2022			
	ECONOMICS	GE-2	Macroeconomics	8	6	48	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	GEOGRAPHY	CC-5	Climatology	9	6	54	2022	9.00	8.54	Q
		CC-6	Statistical Methods in Geography	10	6	60	2022			
		CC-7	Geography of India	8	6	48	2022			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2022			
IV	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	9	2	18	2022	8.67	8.54	Q
		CC-8	Regional Planning and Development	8	6	48	2023			
		CC-9	Economic Geography	9	6	54	2023			
	CC-10	Environmental Geography	9	6	54	2023				
V	GEOGRAPHY	GE-4	Algebra	8	6	48	2023	8.50	8.50	Q
		SEC-2	Field Work	9	2	18	2023			
	GEOGRAPHY	CC-11	Research Methodology and Field Work	9	6	54	2023			
		CC-12	Remote Sensing and GIS	9	6	54	2023			
VI	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2023	8.75	8.75	Q
		DSE-2	Population Geography	8	6	48	2023			
	GEOGRAPHY	CC-13	Evolution of Geographical Thought	9	6	54	2024			
		CC-14	Disaster Management	8	6	48	2024			
GEOGRAPHY	DSE-3	Resource Geography	9	6	54	2024				
	DSE-4	Soil and Bio Geography	9	6	54	2024				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.72</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.52</b>										


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				<b>Percentage Conversion Formula:</b> = (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: **SHRISTI BHAGAT**Roll No. **210340600048**

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	8.73	Q
		CC-2	Bacteriology	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	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2022	8.00	8.10	Q
		CC-4	Virology	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2022	8.33	8.31	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	9	2	18	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2023	8.33	8.62	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	9	6	54	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2023	9.25	9.25	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	10	6	60	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2024	9.25	9.25	Q
		CC-14	Recombinant DNA Technology	10	6	60	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2024			
		DSE-4	Plant Pathology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.78</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.72</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: **SHRUTI DUTTA**Roll No. **210340600049**

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.55	Q
		CC-2	Nutritional Aspect of Food Items	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	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2022	9.00	9.00	Q
		CC-4	Physiological Aspect of Nutrition	10	6	60	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	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2022	8.00	7.85	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	8.67	8.77	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	9	6	54	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	8	6	48	2023	8.25	8.25	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	8	6	48	2023			
		DSE-2	Molecular Biology	9	6	54	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	8	6	48	2024	8.50	8.50	Q
		CC-14	Food Safety and Food Standard	9	6	54	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	8	6	48	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.44</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.46</b>										

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.
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: SHYAMOPRIYA MUKHERJEE

Roll No. 210340600050

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.27	Q
		CC-2	Nutritional Aspect of Food Items	8	6	48	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	8	4	32	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2022	7.50	7.80	Q
		CC-4	Physiological Aspect of Nutrition	8	6	48	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2022	7.67	7.62	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2022			
		CC-7	Diet Therapy - I	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2023	8.00	7.77	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	8	6	48	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	8	6	48	2023	7.50	7.50	Q
		CC-12	Medical Microbiology and Pathology	6	6	36	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	8	6	48	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	7	6	42	2024	7.50	7.50	Q
		CC-14	Food Safety and Food Standard	8	6	48	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	7	6	42	2024			
		DSE-4	Food Spoilage and Food Preservation	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.72</b>							Letter Grade in CGPA : <b>A</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.73</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: SNEHA DHAR

Roll No. 210340600051

Honours: GEOGRAPHY										
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	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	9	6	54	2021	9.00	7.82	Q
		CC-2	Cartographic Techniques and Geological map study	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	GEOGRAPHY	CC-3	Human Geography	8	6	48	2022	8.00	7.90	Q
		CC-4	Cartograms, Survey and Thematic Mapping	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	GEOGRAPHY	CC-5	Climatology	6	6	36	2022	6.33	6.92	Q
		CC-6	Statistical Methods in Geography	8	6	48	2022			
		CC-7	Geography of India	5	6	30	2022			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2022			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	9	2	18	2022			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	6	6	36	2023	6.67	6.46	Q
		CC-9	Economic Geography	7	6	42	2023			
		CC-10	Environmental Geography	7	6	42	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	5	6	30	2023			
	GEOGRAPHY	SEC-2	Field Work	9	2	18	2023			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	8	6	48	2023	6.75	6.75	Q
		CC-12	Remote Sensing and GIS	7	6	42	2023			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	7	6	42	2023			
		DSE-2	Population Geography	5	6	30	2023			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	8	6	48	2024	7.50	7.50	Q
		CC-14	Disaster Management	7	6	42	2024			
	GEOGRAPHY	DSE-3	Resource Geography	7	6	42	2024			
		DSE-4	Soil and Bio Geography	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.22</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.18</b>										

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				<b>Percentage Conversion Formula:</b> = (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: SONALI SEN

Roll No. 210340600053

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	7.73	Q
		CC-2	Bacteriology	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2022	8.50	7.90	Q
		CC-4	Virology	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2022			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2022	6.67	7.23	Q
		CC-6	Cell Biology	6	6	36	2022			
		CC-7	Molecular Biology	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	7	6	42	2023	6.67	7.31	Q
		CC-9	Environmental Microbiology	7	6	42	2023			
		CC-10	Food and Dairy Microbiology	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	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	7	6	42	2023			
		DSE-2	Instrumentation and Biotechniques	7	6	42	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2024	7.00	7.00	Q
		CC-14	Recombinant DNA Technology	6	6	36	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	7	6	42	2024			
		DSE-4	Plant Pathology	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>7.28</b>							<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.38</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: SUDESHNA SAMUI

Roll No. 210340600055

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	8.00	Q
		CC-2	Bacteriology	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	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2022	8.50	8.40	Q
		CC-4	Virology	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2022	7.67	8.08	Q
		CC-6	Cell Biology	8	6	48	2022			
		CC-7	Molecular Biology	8	6	48	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	8	6	48	2023	8.00	8.54	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	10	6	60	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2023	8.25	8.25	Q
		CC-12	Immunology	9	6	54	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	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	Plant Pathology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.11</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.21</b>										

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
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
90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%
50% and above but below 60%	6	40% and above but below 50%
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: SUPRITI PAL

Roll No. 210340600057

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	5	6	30	2021	6.50	7.82	Q
		CC-2	Ecology	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	10	4	40	2021			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2022	7.00	7.60	Q
		CC-4	Cell Biology	8	6	48	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2022			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2022	7.00	7.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2022			
		CC-7	Fundamentals of Biochemistry	7	6	42	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	7	6	42	2023	7.00	7.15	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2023			
		CC-10	Immunology	8	6	48	2023			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2023			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	9	2	18	2023			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	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	8	6	48	2023			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2024	7.25	7.25	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 : <b>7.11</b>							<b>Letter Grade in CGPA : A</b>	<b>Result : Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.42</b>										

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				<b>Percentage Conversion Formula:</b> = (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: **TITHI MAJUMDER**Roll No. **210340600058**

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	8.50	8.55	Q
		CC-2	Nutritional Aspect of Food Items	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	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2022	8.50	8.40	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2022	8.67	8.46	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2022			
		CC-7	Diet Therapy - I	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	8.33	8.23	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2023			
		CC-10	Diet Therapy-II	8	6	48	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2023	8.25	8.25	Q
		CC-12	Medical Microbiology and Pathology	7	6	42	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	9	6	54	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.56</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.48</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: **TITHI MALIK**Roll No. **210340600059**

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	7.82	Q
		CC-2	Bacteriology	9	6	54	2021			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2022	8.50	8.70	Q
		CC-4	Virology	8	6	48	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2022	8.00	8.38	Q
		CC-6	Cell Biology	9	6	54	2022			
		CC-7	Molecular Biology	7	6	42	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	10	2	20	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2023	8.33	8.85	Q
		CC-9	Environmental Microbiology	9	6	54	2023			
		CC-10	Food and Dairy Microbiology	8	6	48	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	10	2	20	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2023	8.50	8.50	Q
		CC-12	Immunology	9	6	54	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2023			
		DSE-2	Instrumentation and Biotechniques	9	6	54	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	Plant Pathology	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.50</b>							<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.55</b>										


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				<b>Percentage Conversion Formula:</b> = (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: TIYASHA SANTRA

Roll No. 210340600060

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	9.00	8.82	Q
		CC-2	Nutritional Aspect of Food Items	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	8	4	32	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	9	6	54	2022	9.00	8.70	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2022			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2022	8.00	8.08	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2022			
		CC-7	Diet Therapy - I	7	6	42	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	8.67	8.38	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2023			
		CC-10	Diet Therapy-II	8	6	48	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	10	2	20	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2023	8.75	8.75	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2023			
		DSE-2	Molecular Biology	9	6	54	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	8	6	48	2024	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	10	6	60	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.72</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.61</b>										

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
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
	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: **TRISHA DAS SARKAR**Roll No. **210340600061**

Honours: GEOGRAPHY										
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	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	7	6	42	2021	7.00	6.82	Q
		CC-2	Cartographic Techniques and Geological map study	7	6	42	2021			
	ECONOMICS	GE-1	Microeconomics	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2021			
II	GEOGRAPHY	CC-3	Human Geography	7	6	42	2022	6.50	6.60	Q
		CC-4	Cartograms, Survey and Thematic Mapping	6	6	36	2022			
	ECONOMICS	GE-2	Macroeconomics	6	6	36	2022			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2022			
III	GEOGRAPHY	CC-5	Climatology	5	6	30	2022			SNC
		CC-6	Statistical Methods in Geography	6	6	36	2022			
		CC-7	Geography of India	6	6	36	2022			
	MATHEMATICS	GE-3	Real Analysis	NA	6	NA				
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	10	2	20	2022			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	6	6	36	2023	6.67	6.23	Q
		CC-9	Economic Geography	7	6	42	2023			
		CC-10	Environmental Geography	7	6	42	2023			
	MATHEMATICS	GE-4	Algebra	4	6	24	2023			
	GEOGRAPHY	SEC-2	Field Work	9	2	18	2023			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	8	6	48	2023	7.50	7.50	Q
		CC-12	Remote Sensing and GIS	7	6	42	2023			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2023			
		DSE-2	Population Geography	7	6	42	2023			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	8	6	48	2024	7.75	7.75	Q
		CC-14	Disaster Management	7	6	42	2024			
	GEOGRAPHY	DSE-3	Resource Geography	8	6	48	2024			
		DSE-4	Soil and Bio Geography	8	6	48	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							<b>Letter Grade in CGPA :</b>		<b>Result : PNC</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 31.08.2024


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

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

*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				<b>Percentage Conversion Formula:</b> = (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: **TRISHA GHOSH**Roll No. **210340600062**

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	7.45	Q
		CC-2	Bacteriology	8	6	48	2021			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2022	8.00	7.80	Q
		CC-4	Virology	7	6	42	2022			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2022			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2022			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	5	6	30	2022	5.33	6.08	Q
		CC-6	Cell Biology	5	6	30	2022			
		CC-7	Molecular Biology	6	6	36	2022			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2022			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2022			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2023	6.00	6.62	Q
		CC-9	Environmental Microbiology	6	6	36	2023			
		CC-10	Food and Dairy Microbiology	6	6	36	2023			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2023			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2023			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	6	6	36	2023	6.00	6.00	Q
		CC-12	Immunology	7	6	42	2023			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	6	6	36	2023			
		DSE-2	Instrumentation and Biotechniques	5	6	30	2023			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	5	6	30	2024	4.50	4.50	Q
		CC-14	Recombinant DNA Technology	5	6	30	2024			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	4	6	24	2024			
		DSE-4	Plant Pathology	4	6	24	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>6.00</b>							<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.35</b>										

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
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	
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: VASUDHA SINGH

Roll No. 210340600065

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	9	6	54	2021	9.00	8.82	Q
		CC-2	Nutritional Aspect of Food Items	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	8	4	32	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	9	6	54	2022	9.00	9.00	Q
		CC-4	Physiological Aspect of Nutrition	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	9	2	18	2022			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2022	8.00	8.00	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2022			
		CC-7	Diet Therapy - I	8	6	48	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	8.33	8.31	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2023			
		CC-10	Diet Therapy-II	7	6	42	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2023			
NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2023				
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	8	6	48	2023	8.00	8.00	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	8	6	48	2023			
		DSE-2	Molecular Biology	8	6	48	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2024	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	9	6	54	2024			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>8.50</b>							Letter Grade in CGPA : <b>A+</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.49</b>										

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
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				<b>Percentage Conversion Formula:</b> = (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: **WAHIDAR RAHMAN**Roll No. **210340600066**

Honours: NUTRITION										
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	NUTRITION	CC-1	Nutritional Physiology-I	10	6	60	2021	9.50	8.55	Q
		CC-2	Nutritional Aspect of Food Items	9	6	54	2021			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2021			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2021			
II	NUTRITION	CC-3	Nutritional Physiology-II	10	6	60	2022	10.00	9.70	Q
		CC-4	Physiological Aspect of Nutrition	10	6	60	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	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2022	8.33	8.15	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2022			
		CC-7	Diet Therapy - I	9	6	54	2022			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2022			
	NUTRITION	SEC-1	Environment Management and Public Health	7	2	14	2022			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2023	9.00	9.08	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2023			
		CC-10	Diet Therapy-II	9	6	54	2023			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2023			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	10	2	20	2023			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2023	8.75	8.75	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2023			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	8	6	48	2023			
		DSE-2	Molecular Biology	9	6	54	2023			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	8	6	48	2024	9.25	9.25	Q
		CC-14	Food Safety and Food Standard	9	6	54	2024			
	NUTRITION	DSE-3	Biostatistics and Bioinformatics	10	6	60	2024			
		DSE-4	Food Spoilage and Food Preservation	10	6	60	2024			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : <b>9.06</b>							Letter Grade in CGPA : <b>O</b>	Result : <b>Q</b>		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.89</b>										

Date of Publication of Result : 31.08.2024

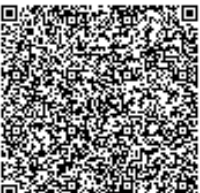
$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

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

*Anindya Zohi Pal*

**Controller of Examinations**

Course Type	CGPA Letter Grades				Result Codes
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]
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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				<b>Percentage Conversion Formula:</b> = (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)	