



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: ARGHYA NANDI

Roll No. 170640910002

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	4	6	24	2017	5.18	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017		
	PHYSICS	CC-3A	Mechanics	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	MATHEMATICS	CC-1B	Differential Equations	5	6	30	2018	6.00	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018		
	PHYSICS	CC-3B	Electricity and Magnetism	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	MATHEMATICS	CC-1C	Real Analysis	4	6	24	2018	5.80	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	6	6	36	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	7	2	14	2018		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2019	6.10	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	PHYSICS	CC-3D	Waves and Optics	6	6	36	2019		
	PHYSICS	SEC-2	Weather Forecasting	10	2	20	2019		
V	MATHEMATICS	DSE-1A	Linear Algebra	5	6	30	2019	6.90	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2019		
	PHYSICS	DSE-3A	Elements of Modern Physics	6	6	36	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	8	6	48	2020	8.90	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.46						Letter Grade in CGPA : B+		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: ARNAB KUNDU

Roll No. 170640910003

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PLANT PROTECTION	CC-1A	Pests and Vectors	6	6	36	2017	6.00	Q
	ZOOLOGY	CC-2A	Animal Diversity	5	6	30	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PLANT PROTECTION	CC-1B	Pest Management	6	6	36	2018	6.90	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PLANT PROTECTION	CC-1C	Bionomics, Plant Diseases and their Management	7	6	42	2018	5.90	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	5	6	30	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	6	6	36	2018		
	BOTANY	SEC-1	Biofertilizers	5	2	10	2018		
IV	PLANT PROTECTION	CC-1D	Plant's Defence Mechanism	7	6	42	2019	7.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	7	6	42	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	8	2	16	2019		
V	PLANT PROTECTION	DSE-1A	Integrated Pest Management	8	6	48	2019	7.00	Q
	ZOOLOGY	DSE-2A	Applied Zoology	7	6	42	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	6	6	36	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	PLANT PROTECTION	DSE-1B	Dissertation	10	6	60	2020	9.10	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	8	6	48	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.03</b>						<b>Letter Grade in CGPA : A</b>	<b>Result : Q</b>		

Date of Publication of Result : 29.10.2020

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*Anindya Zyoti Pal*  
 Controller of Examinations

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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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.

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**THE UNIVERSITY OF BURDWAN**  
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**GRADE CARD**

Name: ATANU MANDAL

Roll No. 170640910005

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ENVIRONMENTAL SCIENCE	CC-1A	Environment & Society	8	6	48	2017	6.55	Q
	ZOOLOGY	CC-2A	Animal Diversity	5	6	30	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	ENVIRONMENTAL SCIENCE	CC-1B	Environmental Resources	8	6	48	2018	7.20	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ENVIRONMENTAL SCIENCE	CC-1C	Environmental Pollution	6	6	36	2018	5.80	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	5	6	30	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	6	6	36	2018		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2018		
IV	ENVIRONMENTAL SCIENCE	CC-1D	Green Technology	7	6	42	2019	7.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	8	2	16	2019		
V	ENVIRONMENTAL SCIENCE	DSE-1A	Environmental Pollution and Laws	7	6	42	2019	7.30	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	7	6	42	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	ENVIRONMENTAL SCIENCE	DSE-1B	Human Wildlife Conflict and Management	7	6	42	2020	8.40	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.10						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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*Anindya Zyoti Pal*  
 Controller of Examinations

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**GRADE CARD**

Name: AVIJIT DAS

Roll No. 170640910006

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	5	6	30	2017	5.09	Q
	MATHEMATICS	CC-2A	Differential Calculus	4	6	24	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	5	6	30	2018	5.40	Q
	MATHEMATICS	CC-2B	Differential Equations	4	6	24	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	5.30	Q
	MATHEMATICS	CC-2C	Real Analysis	5	6	30	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	5	2	10	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019	SNC	
	MATHEMATICS	CC-2D	Algebra	NA	6	NA			
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	PHYSICS	SEC-2	Weather Forecasting	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2019	SNC	
	MATHEMATICS	DSE-2A	Linear Algebra	NA	6	NA			
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2020	8.40	Q
	MATHEMATICS	DSE-2B	Linear Programming	8	6	48	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						<b>Letter Grade in CGPA :</b>	<b>Result : PNC</b>		

Date of Publication of Result : 29.10.2020

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*Anindya Zyoti Pal*  
 Controller of Examinations

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**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: AZIZUL MOLLA

Roll No. 170640910010

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ENVIRONMENTAL SCIENCE	CC-1A	Environment & Society	7	6	42	2017	6.27	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	ENVIRONMENTAL SCIENCE	CC-1B	Environmental Resources	7	6	42	2018	6.60	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ENVIRONMENTAL SCIENCE	CC-1C	Environmental Pollution	5	6	30	2018	5.50	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	6	6	36	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	5	6	30	2018		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2018		
IV	ENVIRONMENTAL SCIENCE	CC-1D	Green Technology	7	6	42	2019	7.20	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	6	2	12	2019		
V	ENVIRONMENTAL SCIENCE	DSE-1A	Environmental Pollution and Laws	6	6	36	2019	5.70	Q
	ZOOLOGY	DSE-2A	Applied Zoology	6	6	36	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	5	6	30	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	6	2	12	2019		
VI	ENVIRONMENTAL SCIENCE	DSE-1B	Human Wildlife Conflict and Management	7	6	42	2020	8.00	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	8	6	48	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.54</b>						<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	

Date of Publication of Result : 29.10.2020

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*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
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GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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
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**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **BISWAJIT DAS**Roll No. **170640910011**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	5	6	30	2017	5.18	Q
	MATHEMATICS	CC-2A	Differential Calculus	6	6	36	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	4	6	24	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	6	6	36	2018	5.70	Q
	MATHEMATICS	CC-2B	Differential Equations	4	6	24	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	4	6	24	2018	SNC	SNC
	MATHEMATICS	CC-2C	Real Analysis	NA	6	NA			
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019	SNC	SNC
	MATHEMATICS	CC-2D	Algebra	NA	6	NA			
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	PHYSICS	SEC-2	Weather Forecasting	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	4	6	24	2019	SNC	SNC
	MATHEMATICS	DSE-2A	Linear Algebra	NA	6	NA			
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	7	2	14	2019		
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	MATHEMATICS	DSE-2B	Linear Programming	8	6	48	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
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 Controller of Examinations

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**GRADE CARD**

Name: DEBASHIS MAJEE

Roll No. 170640910012

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PLANT PROTECTION	CC-1A	Pests and Vectors	7	6	42	2017	6.55	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PLANT PROTECTION	CC-1B	Pest Management	7	6	42	2018	6.60	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PLANT PROTECTION	CC-1C	Bionomics, Plant Diseases and their Management	8	6	48	2018	6.80	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	6	6	36	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	6	6	36	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	PLANT PROTECTION	CC-1D	Plant's Defence Mechanism	10	6	60	2019	8.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	7	6	42	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	9	2	18	2019		
V	PLANT PROTECTION	DSE-1A	Integrated Pest Management	9	6	54	2019	7.50	Q
	ZOOLOGY	DSE-2A	Applied Zoology	7	6	42	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	6	6	36	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	9	2	18	2019		
VI	PLANT PROTECTION	DSE-1B	Dissertation	10	6	60	2020	9.40	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.52						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **DHRUBARAJ BARMAN**Roll No. **170640910013**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	6	6	36	2017	7.82	Q
	MATHEMATICS	CC-2A	Differential Calculus	9	6	54	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	6	6	36	2018	6.10	Q
	MATHEMATICS	CC-2B	Differential Equations	5	6	30	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	5.40	Q
	MATHEMATICS	CC-2C	Real Analysis	4	6	24	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2019	6.10	Q
	MATHEMATICS	CC-2D	Algebra	5	6	30	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019		
	PHYSICS	SEC-2	Weather Forecasting	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	5.50	Q
	MATHEMATICS	DSE-2A	Linear Algebra	4	6	24	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	7	2	14	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2020	8.00	Q
	MATHEMATICS	DSE-2B	Linear Programming	7	6	42	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.51</b>						<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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





**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **DIPANJAN PRADHAN**Roll No. **170640910014**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PLANT PROTECTION	CC-1A	Pests and Vectors	9	6	54	2017	7.36	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PLANT PROTECTION	CC-1B	Pest Management	10	6	60	2018	8.70	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PLANT PROTECTION	CC-1C	Bionomics, Plant Diseases and their Management	9	6	54	2018	8.10	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2018		
	BOTANY	SEC-1	Biofertilizers	9	2	18	2018		
IV	PLANT PROTECTION	CC-1D	Plant's Defence Mechanism	10	6	60	2019	9.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	9	6	54	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	10	2	20	2019		
V	PLANT PROTECTION	DSE-1A	Integrated Pest Management	9	6	54	2019	8.90	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	9	6	54	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	8	2	16	2019		
VI	PLANT PROTECTION	DSE-1B	Dissertation	10	6	60	2020	9.70	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	10	6	60	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.67</b>						<b>Letter Grade in CGPA : A+</b>	<b>Result : Q</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **INDRAJIT GHOSH**Roll No. **170640910017**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	6	6	36	2017	6.45	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	6	6	36	2017		
	ENVIRONMENTAL SCIENCE	CC-3A	Environment & Society	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018	6.90	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	7	6	42	2018		
	ENVIRONMENTAL SCIENCE	CC-3B	Environmental Resources	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	6	6	36	2018	6.00	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	7	6	42	2018		
	ENVIRONMENTAL SCIENCE	CC-3C	Environmental Pollution	5	6	30	2018		
	BOTANY	SEC-1	Biofertilizers	6	2	12	2018		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	7	6	42	2019	6.90	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	CC-3D	Green Technology	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	6	2	12	2019		
V	ZOOLOGY	DSE-1A	Applied Zoology	7	6	42	2019	6.70	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	DSE-3A	Environmental Pollution and Laws	6	6	36	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2020	8.00	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	8	6	48	2020		
	ENVIRONMENTAL SCIENCE	DSE-3B	Human Wildlife Conflict and Management	7	6	42	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>6.82</b>						<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **KARIBULLA SARKAR**Roll No. **170640910018**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	6	6	36	2017	7.09	Q
	MATHEMATICS	CC-2A	Differential Calculus	8	6	48	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	7	6	42	2018	7.20	Q
	MATHEMATICS	CC-2B	Differential Equations	6	6	36	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	7	6	42	2018	6.00	Q
	MATHEMATICS	CC-2C	Real Analysis	4	6	24	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2019	6.20	Q
	MATHEMATICS	CC-2D	Algebra	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	PHYSICS	SEC-2	Weather Forecasting	8	2	16	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	7	6	42	2019	6.80	Q
	MATHEMATICS	DSE-2A	Linear Algebra	5	6	30	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	8.90	Q
	MATHEMATICS	DSE-2B	Linear Programming	8	6	48	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.03</b>						<b>Letter Grade in CGPA : A</b>	<b>Result : Q</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **KHANDAKAR RAJIUL ISLAM**Roll No. **170640910019**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	7	6	42	2017	7.36	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017		
	MATHEMATICS	CC-3A	Differential Calculus	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2018	8.40	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2018		
	MATHEMATICS	CC-3B	Differential Equations	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	8	6	48	2018	7.30	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018		
	MATHEMATICS	CC-3C	Real Analysis	6	6	36	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	7	2	14	2018		
IV	PHYSICS	CC-1D	Waves and Optics	6	6	36	2019	6.60	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019		
	MATHEMATICS	CC-3D	Algebra	5	6	30	2019		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	8	6	48	2019	7.20	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	5	6	30	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	8.90	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	MATHEMATICS	DSE-3B	Linear Programming	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.62</b>						<b>Letter Grade in CGPA : A</b>	<b>Result : Q</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	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 [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **KOUSHIK RANA**Roll No. **170640910020**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	7	6	42	2017	6.73	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018	7.20	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2018	7.40	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	7	6	42	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2019	7.70	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	8	6	48	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	5	2	10	2019		
V	ZOOLOGY	DSE-1A	Applied Zoology	8	6	48	2019	8.30	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	9	6	54	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	8	2	16	2019		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2020	9.00	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.70</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **MONDIRA DEY**Roll No. **170640910021**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	4	6	24	2017	4.73	Q
	MATHEMATICS	CC-2A	Differential Calculus	4	6	24	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	6	6	36	2018	SNC	SNC
	MATHEMATICS	CC-2B	Differential Equations	NA	6	NA			
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	6	6	36	2018	6.00	Q
	MATHEMATICS	CC-2C	Real Analysis	6	6	36	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	6	6	36	2019	5.90	Q
	MATHEMATICS	CC-2D	Algebra	4	6	24	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	PHYSICS	SEC-2	Weather Forecasting	8	2	16	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	6.30	Q
	MATHEMATICS	DSE-2A	Linear Algebra	5	6	30	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	8.00	Q
	MATHEMATICS	DSE-2B	Linear Programming	7	6	42	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						<b>Letter Grade in CGPA :</b>	<b>Result : PNC</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **MONIMALA SAMANTA**Roll No. **170640910022**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PLANT PROTECTION	CC-1A	Pests and Vectors	7	6	42	2017	6.27	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PLANT PROTECTION	CC-1B	Pest Management	8	6	48	2018	7.80	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PLANT PROTECTION	CC-1C	Bionomics, Plant Diseases and their Management	9	6	54	2018	8.30	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	PLANT PROTECTION	CC-1D	Plant's Defence Mechanism	9	6	54	2019	8.50	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	8	6	48	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	10	2	20	2019		
V	PLANT PROTECTION	DSE-1A	Integrated Pest Management	9	6	54	2019	8.00	Q
	ZOOLOGY	DSE-2A	Applied Zoology	7	6	42	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	8	6	48	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	8	2	16	2019		
VI	PLANT PROTECTION	DSE-1B	Dissertation	10	6	60	2020	9.40	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.02</b>						<b>Letter Grade in CGPA : A+</b>	<b>Result : Q</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: RAJU PAL

Roll No. 170640910027

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	8	6	48	2017	8.36	Q
	MATHEMATICS	CC-2A	Differential Calculus	9	6	54	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2018	8.10	Q
	MATHEMATICS	CC-2B	Differential Equations	9	6	54	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	8	6	48	2018	8.00	Q
	MATHEMATICS	CC-2C	Real Analysis	7	6	42	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	8	2	16	2018		
IV	PHYSICS	CC-1D	Waves and Optics	7	6	42	2019	7.90	Q
	MATHEMATICS	CC-2D	Algebra	7	6	42	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019		
	PHYSICS	SEC-2	Weather Forecasting	10	2	20	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	9	6	54	2019	8.80	Q
	MATHEMATICS	DSE-2A	Linear Algebra	9	6	54	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	7	2	14	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	8.60	Q
	MATHEMATICS	DSE-2B	Linear Programming	7	6	42	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.30</b>						<b>Letter Grade in CGPA : A+</b>	<b>Result : Q</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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





**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: RIMA PAL

Roll No. 170640910029

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ENVIRONMENTAL SCIENCE	CC-1A	Environment & Society	6	6	36	2017	6.27	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	ENVIRONMENTAL SCIENCE	CC-1B	Environmental Resources	7	6	42	2018	7.50	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ENVIRONMENTAL SCIENCE	CC-1C	Environmental Pollution	7	6	42	2018	7.90	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	9	6	54	2018		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2018		
IV	ENVIRONMENTAL SCIENCE	CC-1D	Green Technology	7	6	42	2019	7.60	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	8	6	48	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	7	2	14	2019		
V	ENVIRONMENTAL SCIENCE	DSE-1A	Environmental Pollution and Laws	7	6	42	2019	7.70	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	8	6	48	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	8	2	16	2019		
VI	ENVIRONMENTAL SCIENCE	DSE-1B	Human Wildlife Conflict and Management	7	6	42	2020	8.40	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.54						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: RIYA DOLUI

Roll No. 170640910032

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PLANT PROTECTION	CC-1A	Pests and Vectors	8	6	48	2017	7.09	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PLANT PROTECTION	CC-1B	Pest Management	9	6	54	2018	7.80	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PLANT PROTECTION	CC-1C	Bionomics, Plant Diseases and their Management	9	6	54	2018	8.30	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	PLANT PROTECTION	CC-1D	Plant's Defence Mechanism	10	6	60	2019	9.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	9	6	54	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	10	2	20	2019		
V	PLANT PROTECTION	DSE-1A	Integrated Pest Management	9	6	54	2019	9.00	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	9	6	54	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	9	2	18	2019		
VI	PLANT PROTECTION	DSE-1B	Dissertation	10	6	60	2020	9.70	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	10	6	60	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.52</b>						<b>Letter Grade in CGPA : A+</b>	<b>Result : Q</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SARADAMONI GAYEN

Roll No. 170640910035

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ENVIRONMENTAL SCIENCE	CC-1A	Environment & Society	6	6	36	2017	6.00	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	ENVIRONMENTAL SCIENCE	CC-1B	Environmental Resources	7	6	42	2018	7.20	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ENVIRONMENTAL SCIENCE	CC-1C	Environmental Pollution	7	6	42	2018	7.60	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2018		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2018		
IV	ENVIRONMENTAL SCIENCE	CC-1D	Green Technology	7	6	42	2019	7.60	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	8	6	48	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	7	2	14	2019		
V	ENVIRONMENTAL SCIENCE	DSE-1A	Environmental Pollution and Laws	7	6	42	2019	7.90	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	9	6	54	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	ENVIRONMENTAL SCIENCE	DSE-1B	Human Wildlife Conflict and Management	7	6	42	2020	8.70	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	10	6	60	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SAYAN PAKHIRA

Roll No. 170640910038

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PLANT PROTECTION	CC-1A	Pests and Vectors	9	6	54	2017	7.36	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PLANT PROTECTION	CC-1B	Pest Management	9	6	54	2018	8.70	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	9	6	54	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PLANT PROTECTION	CC-1C	Bionomics, Plant Diseases and their Management	9	6	54	2018	8.20	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2018		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2018		
IV	PLANT PROTECTION	CC-1D	Plant's Defence Mechanism	9	6	54	2019	8.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	8	6	48	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	9	2	18	2019		
V	PLANT PROTECTION	DSE-1A	Integrated Pest Management	9	6	54	2019	8.10	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	8	6	48	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	6	2	12	2019		
VI	PLANT PROTECTION	DSE-1B	Dissertation	10	6	60	2020	9.40	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.34</b>						<b>Letter Grade in CGPA : A+</b>	<b>Result : Q</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SHAMPA SAMANTA

Roll No. 170640910039

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	6	6	36	2017	7.09	Q
	MATHEMATICS	CC-2A	Differential Calculus	7	6	42	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	7	6	42	2018	6.90	Q
	MATHEMATICS	CC-2B	Differential Equations	5	6	30	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	8	6	48	2018	7.50	Q
	MATHEMATICS	CC-2C	Real Analysis	6	6	36	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	9	2	18	2018		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2019	6.10	Q
	MATHEMATICS	CC-2D	Algebra	5	6	30	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	PHYSICS	SEC-2	Weather Forecasting	10	2	20	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	7	6	42	2019	6.90	Q
	MATHEMATICS	DSE-2A	Linear Algebra	4	6	24	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	8.30	Q
	MATHEMATICS	DSE-2B	Linear Programming	7	6	42	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.13						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SK HAFIJUL HAQUE

Roll No. 170640910040

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	8.00	Q
	MATHEMATICS	CC-2A	Differential Calculus	8	6	48	2017		
	PHYSICS	CC-3A	Mechanics	8	6	48	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	7.50	Q
	MATHEMATICS	CC-2B	Differential Equations	6	6	36	2018		
	PHYSICS	CC-3B	Electricity and Magnetism	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018	7.30	Q
	MATHEMATICS	CC-2C	Real Analysis	8	6	48	2018		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	7	6	42	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	7	2	14	2018		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	6.60	Q
	MATHEMATICS	CC-2D	Algebra	5	6	30	2019		
	PHYSICS	CC-3D	Waves and Optics	6	6	36	2019		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2019		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019	7.20	Q
	MATHEMATICS	DSE-2A	Linear Algebra	5	6	30	2019		
	PHYSICS	DSE-3A	Elements of Modern Physics	8	6	48	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2019		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020	9.30	Q
	MATHEMATICS	DSE-2B	Linear Programming	10	6	60	2020		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.66						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SK MD SAHIL

Roll No. 170640910041

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PLANT PROTECTION	CC-1A	Pests and Vectors	8	6	48	2017	6.55	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PLANT PROTECTION	CC-1B	Pest Management	9	6	54	2018	8.10	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PLANT PROTECTION	CC-1C	Bionomics, Plant Diseases and their Management	8	6	48	2018	7.60	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2018		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2018		
IV	PLANT PROTECTION	CC-1D	Plant's Defence Mechanism	9	6	54	2019	8.00	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	7	6	42	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	8	6	48	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	8	2	16	2019		
V	PLANT PROTECTION	DSE-1A	Integrated Pest Management	9	6	54	2019	8.40	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	9	6	54	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	6	2	12	2019		
VI	PLANT PROTECTION	DSE-1B	Dissertation	10	6	60	2020	9.40	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.98						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SK MOFIJUL HOQUE

Roll No. 170640910042

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2018	7.09	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018		
	ZOOLOGY	CC-3A	Animal Diversity	8	6	48	2018		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	7	6	42	2018	5.70	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018		
	ZOOLOGY	CC-3B	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	6	6	36	2018	6.50	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		
	ZOOLOGY	CC-3C	Physiology and Biochemistry	7	6	42	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	7	6	42	2019	7.50	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019		
	ZOOLOGY	CC-3D	Genetics and Evolutionary Biology	8	6	48	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	8	6	48	2019	7.50	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	ZOOLOGY	DSE-3A	Applied Zoology	8	6	48	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	6	2	12	2019		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020	9.00	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	ZOOLOGY	DSE-3B	Insects, Vectors and Diseases	9	6	54	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.21						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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**Grade Point Norms:**

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

**Percentage of Conversion Formula:**

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





**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SOURAV PANJA

Roll No. 170640910044

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	5	6	30	2017	6.00	Q
	PLANT PROTECTION	CC-2A	Pests and Vectors	7	6	42	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018	6.30	Q
	PLANT PROTECTION	CC-2B	Pest Management	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	5	6	30	2018	6.80	Q
	PLANT PROTECTION	CC-2C	Bionomics, Plant Diseases and their Management	8	6	48	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	7	6	42	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	6	6	36	2019	6.70	Q
	PLANT PROTECTION	CC-2D	Plant's Defence Mechanism	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	6	6	36	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	7	2	14	2019		
V	ZOOLOGY	DSE-1A	Applied Zoology	7	6	42	2019	7.30	Q
	PLANT PROTECTION	DSE-2A	Integrated Pest Management	9	6	54	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	6	6	36	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2020	9.40	Q
	PLANT PROTECTION	DSE-2B	Dissertation	10	6	60	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.07						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades			Result Codes:	
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SUBHAJIT SARKAR

Roll No. 170640910045

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	7	6	42	2017	7.09	Q
	MATHEMATICS	CC-2A	Differential Calculus	6	6	36	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2018	7.30	Q
	MATHEMATICS	CC-2B	Differential Equations	5	6	30	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	6	6	36	2018	5.80	Q
	MATHEMATICS	CC-2C	Real Analysis	4	6	24	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	7	2	14	2018		
IV	PHYSICS	CC-1D	Waves and Optics	6	6	36	2019	6.90	Q
	MATHEMATICS	CC-2D	Algebra	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	9	6	54	2019	7.90	Q
	MATHEMATICS	DSE-2A	Linear Algebra	5	6	30	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	10	2	20	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	9.30	Q
	MATHEMATICS	DSE-2B	Linear Programming	9	6	54	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.38						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SUBHASIS SAMANTA

Roll No. 170640910046

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	5	6	30	2017	6.64	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018	6.00	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	6	6	36	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	5	6	30	2018	6.10	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	7	6	42	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2018		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	7	6	42	2019	6.40	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	4	2	8	2019		
V	ZOOLOGY	DSE-1A	Applied Zoology	7	6	42	2019	7.00	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	8	6	48	2020	8.60	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.79						Letter Grade in CGPA : B+		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SUDESHNA PAN

Roll No. 170640910047

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ENVIRONMENTAL SCIENCE	CC-1A	Environment & Society	7	6	42	2017	6.55	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	ENVIRONMENTAL SCIENCE	CC-1B	Environmental Resources	7	6	42	2018	6.70	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018		
III	ENVIRONMENTAL SCIENCE	CC-1C	Environmental Pollution	6	6	36	2018	6.80	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	7	6	42	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	ENVIRONMENTAL SCIENCE	CC-1D	Green Technology	9	6	54	2019	8.90	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	9	6	54	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	8	2	16	2019		
V	ENVIRONMENTAL SCIENCE	DSE-1A	Environmental Pollution and Laws	7	6	42	2019	8.70	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	10	6	60	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	9	2	18	2019		
VI	ENVIRONMENTAL SCIENCE	DSE-1B	Human Wildlife Conflict and Management	8	6	48	2020	8.70	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.70						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	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 [All semesters not cleared]
				NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

**Grade Point Norms:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: **SUMAN MANDI**Roll No. **170640910050**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017	5.18	Q
	ZOOLOGY	CC-2A	Animal Diversity	4	6	24	2017		
	ENVIRONMENTAL SCIENCE	CC-3A	Environment & Society	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	7	6	42	2018	SNC	SNC
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018		
	ENVIRONMENTAL SCIENCE	CC-3B	Environmental Resources	NC	6	NC			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	5	6	30	2018	5.90	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	6	6	36	2018		
	ENVIRONMENTAL SCIENCE	CC-3C	Environmental Pollution	6	6	36	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	6	6	36	2019	6.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	CC-3D	Green Technology	6	6	36	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	7	2	14	2019		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	7	6	42	2019	6.60	Q
	ZOOLOGY	DSE-2A	Applied Zoology	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	DSE-3A	Environmental Pollution and Laws	6	6	36	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	6	2	12	2019		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020	8.30	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	ENVIRONMENTAL SCIENCE	DSE-3B	Human Wildlife Conflict and Management	7	6	42	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						<b>Letter Grade in CGPA :</b>	<b>Result : PNC</b>		

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SUMAN NANDI

Roll No. 170640910051

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	6	6	36	2017	5.73	Q
	ENVIRONMENTAL SCIENCE	CC-2A	Environment & Society	6	6	36	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	4	6	24	2018	6.00	Q
	ENVIRONMENTAL SCIENCE	CC-2B	Environmental Resources	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	6	6	36	2018	6.70	Q
	ENVIRONMENTAL SCIENCE	CC-2C	Environmental Pollution	7	6	42	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	7	6	42	2018		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2018		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	7	6	42	2019	6.70	Q
	ENVIRONMENTAL SCIENCE	CC-2D	Green Technology	6	6	36	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	7	2	14	2019		
V	ZOOLOGY	DSE-1A	Applied Zoology	7	6	42	2019	7.00	Q
	ENVIRONMENTAL SCIENCE	DSE-2A	Environmental Pollution and Laws	7	6	42	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	7	6	42	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2020	8.30	Q
	ENVIRONMENTAL SCIENCE	DSE-2B	Human Wildlife Conflict and Management	7	6	42	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.72						Letter Grade in CGPA : B+		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SUPARNA MAJI

Roll No. 170640910054

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	6	6	36	2017	6.82	Q
	MATHEMATICS	CC-2A	Differential Calculus	7	6	42	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2018	6.90	Q
	MATHEMATICS	CC-2B	Differential Equations	5	6	30	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	7	6	42	2018	6.20	Q
	MATHEMATICS	CC-2C	Real Analysis	5	6	30	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	5	2	10	2018		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2019	6.20	Q
	MATHEMATICS	CC-2D	Algebra	5	6	30	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019		
	PHYSICS	SEC-2	Weather Forecasting	8	2	16	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	7	6	42	2019	6.20	Q
	MATHEMATICS	DSE-2A	Linear Algebra	4	6	24	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	8.30	Q
	MATHEMATICS	DSE-2B	Linear Programming	7	6	42	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.77						Letter Grade in CGPA : B+		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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

**Percentage of Conversion Formula:**

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



**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: SUSMITA GHOSH

Roll No. 170640910055

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ENVIRONMENTAL SCIENCE	CC-1A	Environment & Society	8	6	48	2017	8.00	Q
	ZOOLOGY	CC-2A	Animal Diversity	8	6	48	2017		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017		
II	ENVIRONMENTAL SCIENCE	CC-1B	Environmental Resources	8	6	48	2018	7.80	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	ENVIRONMENTAL SCIENCE	CC-1C	Environmental Pollution	8	6	48	2018	7.70	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2018		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2018		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2018		
IV	ENVIRONMENTAL SCIENCE	CC-1D	Green Technology	7	6	42	2019	7.30	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2019		
	BOTANY	CC-3D	Plant Physiology and Metabolism	7	6	42	2019		
	ENVIRONMENTAL SCIENCE	SEC-2	Environmental Health	7	2	14	2019		
V	ENVIRONMENTAL SCIENCE	DSE-1A	Environmental Pollution and Laws	7	6	42	2019	7.60	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2019		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	7	6	42	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	ENVIRONMENTAL SCIENCE	DSE-1B	Human Wildlife Conflict and Management	8	6	48	2020	8.70	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2020		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2020		
	ENVIRONMENTAL SCIENCE	SEC-4	Environmental Microbiology	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.85						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters 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:**

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
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**Percentage of Conversion Formula:**

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**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: TANMOY SANTRA

Roll No. 170640910057

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	NC	6	NC			SNC
	PLANT PROTECTION	CC-2A	Pests and Vectors	6	6	36	2018		
	ZOOLOGY	CC-3A	Animal Diversity	5	6	30	2018		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2018		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	8	6	48	2018	7.20	Q
	PLANT PROTECTION	CC-2B	Pest Management	7	6	42	2018		
	ZOOLOGY	CC-3B	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	7	6	42	2018	6.10	Q
	PLANT PROTECTION	CC-2C	Bionomics, Plant Diseases and their Management	7	6	42	2018		
	ZOOLOGY	CC-3C	Physiology and Biochemistry	5	6	30	2018		
	BOTANY	SEC-1	Biofertilizers	4	2	8	2018		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	7	6	42	2019	6.90	Q
	PLANT PROTECTION	CC-2D	Plant's Defence Mechanism	7	6	42	2019		
	ZOOLOGY	CC-3D	Genetics and Evolutionary Biology	7	6	42	2019		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	6	2	12	2019		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	6	6	36	2019	7.00	Q
	PLANT PROTECTION	DSE-2A	Integrated Pest Management	9	6	54	2019		
	ZOOLOGY	DSE-3A	Applied Zoology	6	6	36	2019		
	BOTANY	SEC-3	Plant Diversity and Human Welfare	7	2	14	2019		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	8	6	48	2020	8.60	Q
	PLANT PROTECTION	DSE-2B	Dissertation	10	6	60	2020		
	ZOOLOGY	DSE-3B	Insects, Vectors and Diseases	8	6	48	2020		
	PLANT PROTECTION	SEC-4	Pesticide Applications Equipments	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						<b>Letter Grade in CGPA :</b>	<b>Result : PNC</b>		

Date of Publication of Result : 29.10.2020

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*Anindya Zyoti Pal*  
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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**THE UNIVERSITY OF BURDWAN**  
**B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS**  
**GRADE CARD**

Name: UDDIPAN MONDAL

Roll No. 170640910058

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	6	6	36	2017	6.00	Q
	MATHEMATICS	CC-2A	Differential Calculus	5	6	30	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	6	6	36	2018		SNC
	MATHEMATICS	CC-2B	Differential Equations	NA	6	NA			
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	NC	6	NC			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	4.90	Q
	MATHEMATICS	CC-2C	Real Analysis	4	6	24	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	4	2	8	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019		SNC
	MATHEMATICS	CC-2D	Algebra	NA	6	NA			
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019		
	PHYSICS	SEC-2	Weather Forecasting	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019		SNC
	MATHEMATICS	DSE-2A	Linear Algebra	NA	6	NA			
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2020	8.60	Q
	MATHEMATICS	DSE-2B	Linear Programming	9	6	54	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						<b>Letter Grade in CGPA :</b>	<b>Result : PNC</b>		

Date of Publication of Result : 29.10.2020

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*Anindya Zyoti Pal*  
 Controller of Examinations

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