



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

Name: SNEHASIS MONDAL

Roll No. 170610410078

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	5.73	Q
	MATHEMATICS	CC-2A	Differential Calculus	4	6	24	2017		
	ELECTRONICS	CC-3A	Electronic Circuits and PCB Designing	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	5	6	30	2018	5.70	Q
	MATHEMATICS	CC-2B	Differential Equations	5	6	30	2018		
	ELECTRONICS	CC-3B	Practical Electronics	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	5.30	Q
	MATHEMATICS	CC-2C	Real Analysis	4	6	24	2019		
	ELECTRONICS	CC-3C	Digital System Design	6	6	36	2018		
	MATHEMATICS	SEC-1	Analytical Geometry	5	2	10	2018		
IV	PHYSICS	CC-1D	Waves and Optics	6	6	36	2019	5.50	Q
	MATHEMATICS	CC-2D	Algebra	4	6	24	2019		
	ELECTRONICS	CC-3D	Communication Systems	6	6	36	2019		
	PHYSICS	SEC-2	Weather Forecasting	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	6.20	Q
	MATHEMATICS	DSE-2A	Matrices	4	6	24	2019		
	ELECTRONICS	DSE-3A	Electronic Instrumentation	8	6	48	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2020	7.80	Q
	MATHEMATICS	DSE-2B	Linear Programming	8	6	48	2020		
	ELECTRONICS	DSE-3B	Digital Signal Processing	8	6	48	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>6.03</b>						<b>Letter Grade in CGPA : B+</b>		<b>Result : Q</b>	

Date of Publication of Result : 29.10.2020

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

*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 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: RANIT MONDAL

Roll No. 170611110043

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	4.82	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	MATHEMATICS	CC-3A	Differential Calculus	4	6	24	2018		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	4	6	24	2018	6.10	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018		
	MATHEMATICS	CC-3B	Differential Equations	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	SNC	
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	MATHEMATICS	CC-3C	Real Analysis	NA	6	NA			
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2019	6.10	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	MATHEMATICS	CC-3D	Algebra	6	6	36	2019		
	MATHEMATICS	SEC-2	Vector Calculus	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2019	6.40	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	7	6	42	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	8.80	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	MATHEMATICS	DSE-3B	Linear Programming	8	6	48	2020		
	MATHEMATICS	SEC-4	Transportation and Game Theory	10	2	20	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

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

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

Name: SOURAV GHOSH

Roll No. 170611110062

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	5	6	30	2017	5.36	Q
	PHYSICS	CC-2A	Mechanics	4	6	24	2017		
	MATHEMATICS	CC-3A	Differential Calculus	6	6	36	2018		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.60	Q
	PHYSICS	CC-2B	Electricity and Magnetism	4	6	24	2018		
	MATHEMATICS	CC-3B	Differential Equations	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018	SNC	
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	4	6	24	2018		
	MATHEMATICS	CC-3C	Real Analysis	NA	6	NA			
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	5	2	10	2018		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.20	Q
	PHYSICS	CC-2D	Waves and Optics	4	6	24	2019		
	MATHEMATICS	CC-3D	Algebra	5	6	30	2019		
	MATHEMATICS	SEC-2	Vector Calculus	7	2	14	2019		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019	6.30	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	5	6	30	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	7	6	42	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	8.80	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	9	6	54	2020		
	MATHEMATICS	DSE-3B	Linear Programming	8	6	48	2020		
	MATHEMATICS	SEC-4	Transportation and Game Theory	10	2	20	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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**GRADE CARD**

Name: SUBRATA CHANDA

Roll No. 170611110067

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	5	6	30	2017	5.18	Q
	MATHEMATICS	CC-2A	Differential Calculus	5	6	30	2018		
	PHYSICS	CC-3A	Mechanics	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.20	Q
	MATHEMATICS	CC-2B	Differential Equations	7	6	42	2018		
	PHYSICS	CC-3B	Electricity and Magnetism	5	6	30	2018		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018	4.70	Q
	MATHEMATICS	CC-2C	Real Analysis	4	6	24	2019		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	5	6	30	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	5	2	10	2018		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	6.30	Q
	MATHEMATICS	CC-2D	Algebra	6	6	36	2019		
	PHYSICS	CC-3D	Waves and Optics	6	6	36	2019		
	MATHEMATICS	SEC-2	Vector Calculus	9	2	18	2019		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	5	6	30	2019	6.00	Q
	MATHEMATICS	DSE-2A	Linear Algebra	7	6	42	2019		
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	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	8.50	Q
	MATHEMATICS	DSE-2B	Linear Programming	8	6	48	2020		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	8	6	48	2020		
	MATHEMATICS	SEC-4	Transportation and Game Theory	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.13						Letter Grade in CGPA : B+	Result : Q		

Date of Publication of Result : 29.10.2020

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*Anindya Zyoti Pal*  
 Controller of Examinations

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

Name: **TRISHA DUTTA**Roll No. **170611110077**

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	4	6	24	2017		SNC
	PHYSICS	CC-2A	Mechanics	NC	6	NC			
	MATHEMATICS	CC-3A	Differential Calculus	5	6	30	2018		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	4.90	Q
	PHYSICS	CC-2B	Electricity and Magnetism	4	6	24	2018		
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2018		
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018		SNC
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	5	6	30	2019		
	MATHEMATICS	CC-3C	Real Analysis	NA	6	NA			
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	5	2	10	2018		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		SNC
	PHYSICS	CC-2D	Waves and Optics	5	6	30	2019		
	MATHEMATICS	CC-3D	Algebra	NA	6	NA			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	5	6	30	2019		SNC
	PHYSICS	DSE-2A	Elements of Modern Physics	5	6	30	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	5	6	30	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	NA	2	NA			
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	6	6	36	2020	6.60	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2020		
	MATHEMATICS	DSE-3B	Linear Programming	6	6	36	2020		
	MATHEMATICS	SEC-4	Transportation and Game Theory	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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**GRADE CARD**

Name: ARGHA GHOSH

Roll No. 170612210006

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	2018	4.36	Q
	PHYSICS	CC-2A	Mechanics	4	6	24	2017		
	STATISTICS	CC-3A	Statistical Methods	4	6	24	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	MATHEMATICS	CC-1B	Differential Equations	5	6	30	2018	5.40	Q
	PHYSICS	CC-2B	Electricity and Magnetism	6	6	36	2018		
	STATISTICS	CC-3B	Introductory Probability	4	6	24	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	MATHEMATICS	CC-1C	Real Analysis	NA	6	NA		SNC	
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	6	6	36	2018		
	STATISTICS	CC-3C	Basics of Statistical Inference	4	6	24	2018		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	4	2	8	2018		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2019	4.70	Q
	PHYSICS	CC-2D	Waves and Optics	6	6	36	2019		
	STATISTICS	CC-3D	Applied Statistics	4	6	24	2019		
	MATHEMATICS	SEC-2	Vector Calculus	5	2	10	2019		
V	MATHEMATICS	DSE-1A	Linear Algebra	5	6	30	2019	6.10	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	7	6	42	2019		
	STATISTICS	DSE-3A	Probability and Probability Distributions -II	6	6	36	2019		
	PHYSICS	SEC-3	Computational Physics Skills	7	2	14	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	6	6	36	2020	7.90	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	9	6	54	2020		
	STATISTICS	DSE-3B	Demography and Vital Statistics	9	6	54	2020		
	MATHEMATICS	SEC-4	Transportation and Game Theory	7	2	14	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :		Result : PNC	

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**GRADE CARD**

Name: **KIRAN KUMAR DEY**Roll No. **170612210023**

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	5	6	30	2017	5.64	Q
	MATHEMATICS	CC-2A	Differential Calculus	6	6	36	2018		
	PHYSICS	CC-3A	Mechanics	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018	6.40	Q
	MATHEMATICS	CC-2B	Differential Equations	5	6	30	2018		
	PHYSICS	CC-3B	Electricity and Magnetism	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018	SNC	
	MATHEMATICS	CC-2C	Real Analysis	NA	6	NA			
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	7	6	42	2018		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019	7.30	Q
	MATHEMATICS	CC-2D	Algebra	6	6	36	2019		
	PHYSICS	CC-3D	Waves and Optics	8	6	48	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019	7.10	Q
	MATHEMATICS	DSE-2A	Linear Algebra	6	6	36	2019		
	PHYSICS	DSE-3A	Elements of Modern Physics	8	6	48	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2019		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020	9.30	Q
	MATHEMATICS	DSE-2B	Linear Programming	9	6	54	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 :						<b>Letter Grade in CGPA :</b>	<b>Result : PNC</b>		

Date of Publication of Result : 29.10.2020

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

*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 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: ANUP KR GARAI

Roll No. 170630910003

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	5	6	30	2019	5.45	Q
	PHYSICS	CC-2A	Mechanics	5	6	30	2018		
	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	6	4	24	2017		
II	MATHEMATICS	CC-1B	Differential Equations	5	6	30	2019	5.20	Q
	PHYSICS	CC-2B	Electricity and Magnetism	6	6	36	2019		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018		
III	MATHEMATICS	CC-1C	Real Analysis	5	6	30	2019	5.50	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	6	6	36	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2018		
IV	MATHEMATICS	CC-1D	Algebra	6	6	36	2019	6.40	Q
	PHYSICS	CC-2D	Waves and Optics	6	6	36	2019		
	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	MATHEMATICS	DSE-1A	Linear Algebra	5	6	30	2019	7.30	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	8	6	48	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	10	2	20	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	9	6	54	2020	9.10	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses						6.48	Letter Grade in CGPA : B+	Result : Q	

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:
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 Conversion Formula:**

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

Name: ABHISHEK SHAW

Roll No. 170640510003

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	2018	4.91	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	MATHEMATICS	CC-3A	Differential Calculus	4	6	24	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	5	6	30	2018	5.90	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	7	6	42	2018		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	6	6	36	2018	4.80	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2019		
	MATHEMATICS	SEC-1	Integral Calculus	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019	5.20	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019		
	MATHEMATICS	CC-3D	Algebra	6	6	36	2019		
	MATHEMATICS	SEC-2	Vector Calculus	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	5.70	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	MATHEMATICS	DSE-3A	Mechanics	4	6	24	2019		
	PHYSICS	SEC-3	Computational Physics Skills	6	2	12	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	6	6	36	2020	6.90	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	7	6	42	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	6	2	12	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.56						Letter Grade in CGPA : B		Result : Q	

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

Name: TANMOY ROY

Roll No. 170640510048

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	5.64	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017		
	MATHEMATICS	CC-3A	Differential Calculus	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	4	6	24	2018	5.20	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018		
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2018		
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	4.60	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2019		
	MATHEMATICS	SEC-1	Integral Calculus	4	2	8	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019	5.00	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	PHYSICS	SEC-2	Weather Forecasting	8	2	16	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	5.70	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	MATHEMATICS	DSE-3A	Mechanics	4	6	24	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	6	2	12	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2020	8.00	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	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						5.69	Letter Grade in CGPA : B	Result : Q	

Date of Publication of Result : 29.10.2020

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*Anindya Zyoti Pal*  
 Controller of Examinations

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