

Class 9 Academic Program- 2026 **Pioneer Batch**

Class & Exam Routine [Last Part]

Helpline

09 666 77 55 66

Date & Day	Live Class-01 5:30pm	Live Class-02 9:30pm	Live Exam Online: From 8:00am to 11:55pm
19-July-2026 (Sunday)	Physics (P-36)	Chemistry (C-45)	Daily Live Exam B-44 MCQ (10×1=10); 10 min. Daily Live Exam HM-26 MCQ (10×1=10); 10 min.
20-July-2026 (Monday)	Biology (B-45)	H.Math (HM-45)	Daily Live Exam P-36 MCQ (10×1=10); 10 min. Daily Live Exam C-45 MCQ (10×1=10); 10 min.
21-July-2026 (Tuesday)	Biology (B-35)	Math (M-43)	Daily Live Exam B-45 MCQ (10×1=10); 10 min. Daily Live Exam HM-45 MCQ (10×1=10); 10 min.
22-July-2026 (Wednesday)	Math (M-38)	Chemistry (C-37)	Daily Live Exam B-35 MCQ (10×1=10); 10 min. Daily Live Exam M-43 MCQ (10×1=10); 10 min.
23-July-2026 (Thursday)	H.Math (HM-40)	Physics (P-44)	Daily Live Exam M-38 MCQ (10×1=10); 10 min. Daily Live Exam C-37 MCQ (10×1=10); 10 min.
26-July-2026 (Sunday)	Physics (P-45)	Chemistry (C-46)	Daily Live Exam HM-40 MCQ (10×1=10); 10 min. Daily Live Exam P-44 MCQ (10×1=10); 10 min.
27-July-2026 (Monday)	Biology (B-46)	H.Math (HM-46)	Daily Live Exam P-45 MCQ (10×1=10); 10 min. Daily Live Exam C-46 MCQ (10×1=10); 10 min.
28-July-2026 (Tuesday)	Biology (B-36)	Math (M-44)	Daily Live Exam B-46 MCQ (10×1=10); 10 min. Daily Live Exam HM-46 MCQ (10×1=10); 10 min.
29-July-2026 (Wednesday)	Math (M-39)	Chemistry (C-38)	Daily Live Exam B-36 MCQ (10×1=10); 10 min. Daily Live Exam M-44 MCQ (10×1=10); 10 min.
30-July-2026 (Thursday)	H.Math (HM-41)	Physics (P-37)	Daily Live Exam M-39 MCQ (10×1=10); 10 min. Daily Live Exam C-38 MCQ (10×1=10); 10 min.
31-July-2026 (Friday) Chapterwise Exam-33	Physics- Chapter-07 (Waves and Sound) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
01-August-2026 (Saturday) Chapterwise Exam-34	Biology- Chapter-07 (Exchange of Gases) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
02-August-2026 (Sunday)	Physics (P-46)	Chemistry (C-47)	Daily Live Exam HM-41 MCQ (10×1=10); 10 min. Daily Live Exam P-37 MCQ (10×1=10); 10 min.
03-August-2026 (Monday)	Biology (B-47)	H.Math (HM-47)	Daily Live Exam P-46 MCQ (10×1=10); 10 min. Daily Live Exam C-47 MCQ (10×1=10); 10 min.
04-August-2026 (Tuesday)	Biology (B-37)	Math (M-45)	Daily Live Exam B-47 MCQ (10×1=10); 10 min. Daily Live Exam HM-47 MCQ (10×1=10); 10 min.
Online classes and exams will be closed on 05 August 2026 (Wednesday) on the occasion of "July Mass Uprising Day"			
06-August-2026 (Thursday)	H.Math (HM-42)	Physics (P-38)	Daily Live Exam B-37 MCQ (10×1=10); 10 min. Daily Live Exam M-45 MCQ (10×1=10); 10 min.
07-August-2026 (Friday) Chapterwise Exam-35	Chemistry- Chapter-07 (Chemical Reactions) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
08-August-2026 (Saturday) Chapterwise Exam-36	Physics- Chapter-06 (Effects of Heat on Matter) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
09-August-2026 (Sunday)	Physics (P-47)	Chemistry (C-48)	Daily Live Exam HM-42 MCQ (10×1=10); 10 min. Daily Live Exam P-38 MCQ (10×1=10); 10 min.
10-August-2026 (Monday)	Biology (B-48)	H.Math (HM-48)	Daily Live Exam P-47 MCQ (10×1=10); 10 min. Daily Live Exam C-48 MCQ (10×1=10); 10 min.
11-August-2026 (Tuesday)	Biology (B-38)	Math (M-46)	Daily Live Exam B-48 MCQ (10×1=10); 10 min. Daily Live Exam HM-48 MCQ (10×1=10); 10 min.
12-August-2026 (Wednesday)	Math (M-40)	Chemistry (C-39)	Daily Live Exam B-38 MCQ (10×1=10); 10 min. Daily Live Exam M-46 MCQ (10×1=10); 10 min.
13-August-2026 (Thursday)	H.Math (HM-43)	Physics (P-51)	Daily Live Exam M-40 MCQ (10×1=10); 10 min. Daily Live Exam C-39 MCQ (10×1=10); 10 min.
14-August-2026 (Friday) Chapterwise Exam-37	H.Math- Chapter-11 (Coordinate Geometry) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
15-August-2026 (Saturday) Chapterwise Exam-38	Biology- Chapter-08 (Excretory System) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		

16-August-2026 (Sunday)	Physics (P-48)	Chemistry (C-40)	Daily Live Exam HM-43 MCQ (10×1=10); 10 min. Daily Live Exam P-51 MCQ (10×1=10); 10 min.
17-August-2026 (Monday)	ICT (ICT-07)	H.Math (HM-49)	Daily Live Exam P-48 MCQ (10×1=10); 10 min. Daily Live Exam C-40 MCQ (10×1=10); 10 min.
18-August-2026 (Tuesday)	Biology (B-39)	Math (M-19)	Daily Live Exam ICT-07 MCQ (10×1=10); 10 min. Daily Live Exam HM-49 MCQ (10×1=10); 10 min.
19-August-2026 (Wednesday)	Math (M-23)	Chemistry (C-41)	Daily Live Exam B-39 MCQ (10×1=10); 10 min. Daily Live Exam M-19 MCQ (10×1=10); 10 min.
20-August-2026 (Thursday)	H.Math (HM-44)	Physics (P-52)	Daily Live Exam M-23 MCQ (10×1=10); 10 min. Daily Live Exam C-41 MCQ (10×1=10); 10 min.
21-August-2026 (Friday) Chapterwise Exam-39	Math- Chapter-09 (Trigonometric Ratio) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
22-August-2026 (Saturday) Chapterwise Exam-40	Chemistry- Chapter-09 (Acid- Base Balance) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
23-August-2026 (Sunday)	Physics (P-49)	Chemistry (C-42)	Daily Live Exam HM-44 MCQ (10×1=10); 10 min. Daily Live Exam P-52 MCQ (10×1=10); 10 min.
24-August-2026 (Monday)	ICT (ICT-08)	H.Math (HM-50)	Daily Live Exam P-49 MCQ (10×1=10); 10 min. Daily Live Exam C-42 MCQ (10×1=10); 10 min.
25-August-2026 (Tuesday)	Biology (B-40)	Math (M-20)	Daily Live Exam ICT-08 MCQ (10×1=10); 10 min. Daily Live Exam HM-50 MCQ (10×1=10); 10 min.
26-August-2026 (Wednesday)	Math (M-24)	Chemistry (C-43)	Daily Live Exam B-40 MCQ (10×1=10); 10 min. Daily Live Exam M-20 MCQ (10×1=10); 10 min.
27-August-2026 (Thursday)	H.Math (HM-55)	Physics (P-53)	Daily Live Exam M-24 MCQ (10×1=10); 10 min. Daily Live Exam C-43 MCQ (10×1=10); 10 min.
28-August-2026 (Friday) Chapterwise Exam-41	Math- Chapter-08 (Circle) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
29-August-2026 (Saturday) Chapterwise Exam-42	Biology- Chapter-10 (Co-ordination) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
30-August-2026 (Sunday)	Physics (P-50)	Chemistry (C-44)	Daily Live Exam HM-55 MCQ (10×1=10); 10 min. Daily Live Exam P-53 MCQ (10×1=10); 10 min.
31-August-2026 (Monday)	Physics (P-54)	H.Math (HM-51)	Daily Live Exam P-50 MCQ (10×1=10); 10 min. Daily Live Exam C-44 MCQ (10×1=10); 10 min.
01-September-2026 (Tuesday) Chapterwise Exam-43	Biology (B-41)	Math (M-21)	Daily Live Exam P-54 MCQ (10×1=10); 10 min. Daily Live Exam HM-51 MCQ (10×1=10); 10 min.
	ICT- Chapter-03 (Internet and Introduction of Web) MCQ (15×1=15); 15 min.		
02-September-2026(Wednesday)	Math (M-25)	ICT (ICT-09)	Daily Live Exam B-41 MCQ (10×1=10); 10 min. Daily Live Exam M-21 MCQ (10×1=10); 10 min.
03-September -2026 (Thursday)	H.Math (HM-56)	Physics (P-57)	Daily Live Exam M-25 MCQ (10×1=10); 10 min. Daily Live Exam ICT-09 MCQ (10×1=10); 10 min.
04-September-2026 (Friday) Chapterwise Exam-44	H.Math- Chapter-09 (Exponential and Logarithmic Function) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
05-September-2026 (Saturday) Chapterwise Exam-45	Physics- Chapter-08 (Reflection of Light) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
06-September-2026 (Sunday)	Physics (P-55)	Math (M-22)	Daily Live Exam HM-56 MCQ (10×1=10); 10 min. Daily Live Exam P-57 MCQ (10×1=10); 10 min.
07-September -2026 (Monday)	Physics (P-56)	H.Math (HM-52)	Daily Live Exam P-55 MCQ (10×1=10); 10 min. Daily Live Exam M-22 MCQ (10×1=10); 10 min.
08-September -2026 (Tuesday)	Biology (B-42)	Math (M-55)	Daily Live Exam P-56 MCQ (10×1=10); 10 min. Daily Live Exam HM-52 MCQ (10×1=10); 10 min.
09-September-2026(Wednesday)	Math (M-26)	ICT (ICT-10)	Daily Live Exam B-42 MCQ (10×1=10); 10 min. Daily Live Exam M-55 MCQ (10×1=10); 10 min.
10-September -2026 (Thursday)	H.Math (HM-57)	Physics (P-58)	Daily Live Exam M-26 MCQ (10×1=10); 10 min. Daily Live Exam ICT-10 MCQ (10×1=10); 10 min.
11-September-2026 (Friday) Chapterwise Exam-46	Math- Chapter-04 (Exponents and Logarithms) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
12-September-2026 (Saturday) Chapterwise Exam-47	Chemistry- Chapter-08 (Chemistry and Energy) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		

13-September-2026 (Sunday)	Physics (P-59)	Math (M-56)	Daily Live Exam HM-57 MCQ (10×1=10); 10 min. Daily Live Exam P-58 MCQ (10×1=10); 10 min.
14-September -2026 (Monday)	Math (M-47)	H.Math (HM-53)	Daily Live Exam P-59 MCQ (10×1=10); 10 min. Daily Live Exam M-56 MCQ (10×1=10); 10 min.
15-September -2026 (Tuesday)	ICT (ICT-11)	Math (M-57)	Daily Live Exam M-47 MCQ (10×1=10); 10 min. Daily Live Exam HM-53 MCQ (10×1=10); 10 min.
16-September-2026(Wednesday)	Math (M-48)	ICT (ICT-12)	Daily Live Exam ICT-11 MCQ (10×1=10); 10 min. Daily Live Exam M-57 MCQ (10×1=10); 10 min.
17-September -2026 (Thursday)	H.Math (HM-58)	Math (M-58)	Daily Live Exam M-48 MCQ (10×1=10); 10 min. Daily Live Exam ICT-12 MCQ (10×1=10); 10 min.
18-September-2026 (Friday) Chapterwise Exam-48	Math- Chapter-05 (Equations in One Variable) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
19-September-2026 (Saturday) Chapterwise Exam-49	Physics- Chapter-09 (Refraction of Light) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
20-September-2026 (Sunday)	Physics (P-60)	Math (M-59)	Daily Live Exam HM-58 MCQ (10×1=10); 10 min. Daily Live Exam M-58 MCQ (10×1=10); 10 min.
21-September -2026 (Monday)	Math (M-49)	H.Math (HM-54)	Daily Live Exam P-60 MCQ (10×1=10); 10 min. Daily Live Exam M-59 MCQ (10×1=10); 10 min.
22-September -2026 (Tuesday) Chapterwise Exam-50	Math (M-50)	Math (M-60)	Daily Live Exam M-49 MCQ (10×1=10); 10 min. Daily Live Exam HM-54 MCQ (10×1=10); 10 min.
	ICT- Chapter-04 (My Writings and Accounts) MCQ (15×1=15); 15 min.		
23-September-2026(Wednesday)	Math (M-51)	Physics (P-61)	Daily Live Exam M-50 MCQ (10×1=10); 10 min. Daily Live Exam M-60 MCQ (10×1=10); 10 min.
24-September -2026 (Thursday)	Math (M-52)	Physics (P-62)	Daily Live Exam M-51 MCQ (10×1=10); 10 min. Daily Live Exam P-61 MCQ (10×1=10); 10 min.
25-September-2026 (Friday) Chapterwise Exam-51	H.Math- Chapter-14 (Probability) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
26-September-2026 (Saturday) Chapterwise Exam-52	Biology- Chapter-09 (Firmness and Locomotion) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
27-September-2026 (Sunday)	---	---	Daily Live Exam M-52 MCQ (10×1=10); 10 min. Daily Live Exam P-62 MCQ (10×1=10); 10 min.
28-September -2026 (Monday) Chapterwise Exam-53	Math- Chapter-16 (Mensuration) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
30-September-2026(Wednesday) Chapterwise Exam-54	Physics- Chapter-10 (Static Electricity) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
02-October-2026 (Friday) Chapterwise Exam-55	H.Math- Chapter-13 (Solid geometry) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
03-October-2026 (Saturday) Chapterwise Exam-56	Math- Chapter-11 (Algebraic Ratio and Proportion) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
	Course Completion & Annual Exam Preparation Guideline Seminar		
"Subject final exam routine will be published later"			
The routine may be changed or modified for inevitable issues			

Online Class and Exam Procedure:

- To participate in classes and exams, visit udvash.com and click on the "Join Now" menu. **Log in** using your admitted registration number.
- Daily Live Classes** will be held as per the schedule, with **two separate subject classes per day** at the mentioned date and time.
- Daily Live Exams** will be available as per the schedule from **8:00am to 11:55pm**, where students can take the exam once per with **two separate subjects**. However, for additional practice, students can take the Practice Exam multiple times with the same syllabus.
- To watch recorded videos and PDFs of daily classes, use the "Past Classes/Course & Content" option.
- To access **Archive Classes & One Shot CQ-MCQ Classes**, use the "Course & Content" option.
- The **Q&A** option is available **24/7** to resolve subject-related queries after the class.
- All students enrolled in the Combo Batch can take chapter-based exams both online and at any nearby branch (**from 9:00am to 5:00pm**).
- To get updates quickly, join our Facebook group ([SSC উদ্ভাস-উন্মেষ](#)).

Class 9 Academic Program Pioneer Batch (Syllabus Last part)

Physics		
Chapter	Lecture	Lecture-based discussion
Chapter-06 Effects of Heat on Matter	P-36	Expansion of Gases, Effect of Temperature on Change of State, Dependence of Vaporization (Air Flow, Surface Area of The Liquid, Nature of The Liquid, Air Pressure, Temperature, Dryness of Air)
	P-37	Specific Heat, Fundamental Principle of Calorimetry, Effect of Pressure on Melting Point and Boiling Point
	P-38	Mathematical Problems
Chapter-07 Waves and Sound	P-44	Mathematical Problems
Chapter-08 Reflection of Light	P-45	Nature of Light, Reflection
	P-46	Laws of Reflection, Absorption, Reflection from Smooth and Rough Planes
	P-47	Mirror, Image, Spherical Mirror
	P-48	Convex Mirror, Image Formed on a Convex Spherical Mirror, Concave Mirror, Image Formed on a Concave Mirror (At a Distance Less Than Focal Length)
	P-49	Image Formed on a Concave Mirror (At a Distance Greater than Focal Distance)
	P-50	Magnification, Use of Mirrors, Plane Mirror, Convex Mirror, Concave Mirror, Invisible Curves of Hilly Roads
Chapter-09 Refraction of Light	P-51	Refraction of Light, Laws of Refraction
	P-52	Relative Refractive Index, Mathematical Problems
	P-53	Total Internal Reflection, Rainbow, Mirage, Mathematical Problems
	P-54	Uses of Reflection, Optical Fiber, Prism, Periscope and Binocular, Lens, Types of Lenses
	P-55	Magnification, Concave Lens, Power of Lens
	P-56	Convex Lens, Mathematical Problems
Chapter-10 Static Electricity	P-57	Charge, Static Electricity by Friction
	P-58	Electrical Induction, Electroscope
	P-59	Electric Force
	P-60	Electric Field, Mathematical Problems
	P-61	Electric Potential, Potential Difference, Capacitor
	P-62	Uses of Static Electricity, Photocopy, Van De Graaff Machine, Fuel Truck, Electronics, Lightning and Lightning Arrestor, Static Electric Color Spray

Chemistry		
Chapter	Lecture	Lecture-based discussion
Chapter-07 Chemical Reactions	C-37	Example of a Few Real-Life Chemical Reactions, Ways of Prevention of Some Harmful Reactions, Rate of Reaction
	C-38	Le Chatelier's Principle, Explanation of Le Chatelier's Principle and Effect
Chapter-08 Chemistry and Energy	C-39	Source of chemical energy, Classification of chemical reactions according to change of heat, (Exothermic and Endothermic), Calculation of heat change in chemical reactions using the bond energy
	C-40	Mathematical problems related to heat change in chemical reactions, Transformation of chemical energy into different types of energy, Uses of Various Forms of Energy Obtained from Chemical Energy
	C-41	Appropriate use of chemical energy, Importance of purity of fuel, Negative effects of the use of chemical energy, uses of ethanol as fuel
	C-42	Electrochemical cells, conductors, electronic conductors, Electrolyte & Electrode, Electrolytic cell, Electrolysis, Uses of electrolysis
	C-43	Mechanism of electrolysis
	C-44	Production of Electricity by Chemical Reactions, Nuclear Reaction & Electricity Generation
Chapter-09 Acid- Base Balance	C-45	Acid, Demonstrating Properties of Dilute Acids through Experiments, The Role of Water in Chemical Properties of Acids, Alkali & Base, Properties of Dilute Bases
	C-46	Dilute Base in Reaction with Metallic Salts, The Role of Water in Chemical Properties of Alkali, Corrosive Properties of Concentrated Acids and Alkali
	C-47	Revision, The Conception of pH, Measuring pH, Importance of pH, Neutralization Reaction (Importance of Neutralization Reaction in Daily Life, Salt), Acid Rain
	C-48	Hardness of Water, Water Pollution & Pollution Control, Testing The Purity of Water and Water Purification, BOD, COD

Mathematics		
Chapter	Lecture	Lecture-based discussion
Chapter-08 Circle	M-38	Corollary – 4, 5, Exercise – 8.2
	M-39	Theorem related to quadrilateral inscribed in a circle (23, 24), Corollary – 06, 07, Exercise – 8.3 (1,2)
	M-40	Exercise – 8.3 (3-7)
Chapter-09 Trigonometric Ratio	M-43	Example (10, 11), Exercise – 9.1 (8(a), 11-20)
	M-44	Exercise- 9.1 (21-24, 25(b, c)), Work-02
	M-45	Proof of Trigonometric Ratios of Angles $0^\circ, 30^\circ, 60^\circ, 45^\circ, 90^\circ$, Example (13), Exercise 9.2 (1-14, 19, 24)
	M-46	Example – 14 (a, b, d), Exercise – 9.2 {15, 16 (20-23, 25-27)}
Chapter-04 Exponents and Logarithms	M-19	Exponents, Laws of Exponents, Proofs and Example(1-4), Exercise-4.1 (1-8)
	M-20	Exercise – 4.1 (9-22), Example – 5-8
	M-21	Basic concepts of Logarithms, Formulas, Proof of Laws of Logarithms, Example – 9, Exercise – 4.2 (1, 2,3)
	M-22	Example –10, Exercise – 4.2 (4,5), Method of Logarithms (Normal Logarithm, Common Logarithm), Concepts of characteristics and mantissa of common logs, Exercise 4.3, Example – (11-15)
Chapter-05 Equations in One Variable	M-23	Variable, Equation and Identity, Solving Linear Equations, Exercise- 5.1 (1-14), Example:1-4
	M-24	Exercise – 5.1 (15-25), Example:5-7
	M-25	Quadratic Equation, Exercise – 5.2 (1-17), Example:8-11
	M-26	Exercise – 5.2 (18-26), Example – (12-15), Usage of Quadratic Equation
Chapter-16 Mensuration	M-55	Proof of Area of different types of triangular region, Example (1-3,5) Exercise 16.1 (6,7)
	M-56	Example (4), Exercise 16.1 (1-5)
	M-57	Example (6,7), Exercise 16.1 (8-10) Proving Areas of Different Types of Quadrilaterals
	M-58	Proving Areas of Different Types of Quadrilaterals, Example (8-10), Exercise – 16.2 (1-6),
	M-59	Example (11-14), Exercise 16.2 (7-12)
	M-60	Proof Of a regular polygon, Example (15-17), Exercise – 16.2 (13-16)
Chapter-11 Algebraic Ratio and Proportion	M-47	Ratio and Proportion, Continued Proportion, Transformation of Proportions, Example – 01, Work, Exercise – 11.1 (1-5)
	M-48	Example (2, 3, 4, 7, 11(a, b)), Work, Exercise – 11.1 (6, 7, 9)
	M-49	Example – 5, 6, 8 11(c), Exercise – 11.1 (8, 10-13, 19)
	M-50	Example – 9, 10, Exercise – 11.1 (14-18, 20)
	M-51	Continued Proportions, Ratio, Work, Example (12, 13), Exercise – 11.2 (1-11)
	M-52	Work, Example (14, 15), Exercise – 11.2 (12-18)

Higher Mathematics		
Chapter	Lecture	Lecture-based discussion
Chapter-09 Exponential and Logarithmic Function	HM-40	Example (16, 17), Exercise-9.1 (7, 9)
	HM-41	Logarithm, Formulas of Logarithm, Example (18-27), Exercise – 9.2(1), Activity of Page-211
	HM-42	Example – 28, 29, Exercise – 9.2 (2, 7)
	HM-43	Exponential, Logarithmic and Absolute Function, Domain-Range, Example (30, 31, 33), Exercise – 9.2 (5, 6)
	HM-44	Logarithmic and Absolute Value Function, Graph of Functions, Exercise – 9.2 (3, 4, 8), Creative Question – 05
Chapter-11 Coordinate Geometry	HM-45	Rectangular Cartesian Coordinates, Distance Between Two Points, Example, Exercise – 11.1
	HM-46	Area of a Triangle, Formula For Finding the Area of a Triangle, Example (7-11), Exercise- 11.2 (1-6)
	HM-47	Vertices, finding area using coordinates, Exercise – 11.2 (7-9)
	HM-48	Exercises – 11.2 , Examples (12-14)
Chapter-13 Solid geometry	HM-49	Some basic definitions, solids, volume and surface area of rectangular solids, cube, Example-01, Exercise-13 (1-3)
	HM-50	Exercise-13 (12-14), Right circular cone, Example-04, Exercise-13(4, 5, 15, 21)
	HM-51	Sphere, Example – 5-7, Exercise-13 (6-11)
	HM-52	Prism, pyramid, example, Exercise – 13 (16-18)
	HM-53	Example – 10, Creative Questions (5, 6)
	HM-54	Compound Solids, Example-09, Exercise-13 (19, 20)
Chapter-14 Probability	HM-55	Some Concepts related to Probability, Logic Based Probability, Data Based Probability, Examples, Activity, Exercise-14 (1-5)
	HM-56	Determination of Probability using Sample Space and Probability Tree, Exercise-14 (6-10)
	HM-57	Mutually Exclusive Events, Mutually Non-Exclusive Events, Concept of Exclusive Events (When to Multiply / Add), Exercise-14
	HM-58	Chapter review and creative Problems related to Probabilities

Biology

Chapter	Lecture	Lecture-based discussion
Chapter-07 Exchange of Gases	B-35	Gaseous exchange, O ₂ absorption, CO ₂ transport, Diseases of respiratory system (Asthma)
	B-36	Diseases of respiratory system (Bronchitis, Pneumonia, Tuberculosis, Lung cancer)
Chapter-10 Co-ordination	B-45	Nervous system, Reflex action
	B-46	Peripheral nervous system, Autonomic nervous system, Transmission of impulse
	B-47	Hormone, Introduction of main endocrine gland, function and secreted hormones, Abnormalities due to hormone (Thyroid problem)
	B-48	Abnormalities due to hormone (Diabetes) Physical disabilities due to nerve disorder (Paralysis, Epilepsy, Parkinson disease), Influence of tobacco and drugs on co-ordination
Chapter-08 Excretory System	B-37	Excretory system, Excretory products, Kidney, Nephron
	B-38	Function of kidney, Role of kidneys in osmoregulation, Kidney stone, Kidney failure, Dialysis and kidney transplant, Precaution
Chapter-09 Firmness and Locomotion	B-39	Introductions of human skeleton, Role of skeleton in firmness and locomotion
	B-40	Bone, Cartilage and Joint, Synovial joint, Types of joint
	B-41	Muscles, Roles of bones and muscles in human locomotion, Tendon and ligament
	B-42	Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)

ICT		
Chapter	Lecture	Lecture-based discussion
Chapter-03 Internet and Introduction of Web	ICT-07	Internet, Digital content, Types of Digital Content, E-Book, Benefits of using E-Books, Different types of E-books
	ICT-08	The Internet in Education, The Internet and my Academic Subjects, Web page and web portal, web page and web client, web client, web browser, Search engine
Chapter-04 My Writings and Accounts	ICT-09	My Writing on Word Processor, Office Buttons and Options, Writing and Formatting, Adding Table or Chart, Adding Pictures/Images
	ICT-10	Adding Word Art, Determination of Page and Line Margin, Page Number (Header/Footer), Spelling Check and Correction
	ICT-11	Spreadsheet and My Accounts, Analysis of Spreadsheet, Multiplication, Division, Use of Function
	ICT-12	Determination of Percentage, Activity, Check Box



দেশব্যাপী **ইন্ডাম-উন্নেষ** এর
শাখাসমূহের বিস্তারিত ঠিকানা
দেখতে **QR** কোডটি স্ক্যান করো

ইন্ডাম-উন্নেষ এর
App ডাউনলোড করতে
QR কোডটি স্ক্যান করো

