

Class Nine Academic Program 2025

[New Batch- Online/Combo]

Class & Exam Routine Part- 03 [English Version]

Date & Day	Live Class- 01 (7:00pm- 8:00pm)	Live Class- 02 (9:30pm-10:30pm)	Live Exam	Online- 9:00am to 11:55pm Offline- 9:00am to 5:00pm
20 July 2025 (Sunday)	B-25 Biology: Chapter-06	HM-08 H.Math: Chapter-01	Daily Live Exam	ICT-05 MCQ (10×1=10); 10 min. Daily Live Exam ICT-06 MCQ (10×1=10); 10 min.
Online classes and exams will be closed on July 21 and July 22, 2025.				
23 July 2025 (Wednesday)	C-23 Chemistry: Chapter-06	P-23 Physics: Chapter-04	Daily Live Exam	B-25 MCQ (10×1=10); 10 min. Daily Live Exam HM-08 MCQ (10×1=10); 10 min.
24 July 2025 (Thursday)	M-58 Math: Chapter-17	P-24 Physics: Chapter-04	Daily Live Exam	C-23 MCQ (10×1=10); 10 min. Daily Live Exam P-23 MCQ (10×1=10); 10 min.
25 July 2025 (Friday)	Chapter Wise Exam: Math- Chapter- 06 (Lines, Angles and Triangles) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
26 July 2025 (Saturday)	Chapter Wise Exam: Chemistry- Chapter- 04 (Periodic Table) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
27 July 2025 (Sunday)	B-26 Biology: Chapter-06	HM-25 H.Math: Chapter-05	Daily Live Exam	M-58 MCQ (10×1=10); 10 min. Daily Live Exam P-24 MCQ (10×1=10); 10 min.
28 July 2025 (Monday)	B-27 Biology: Chapter-06	M-59 Math: Chapter-17	Daily Live Exam	B-26 MCQ (10×1=10); 10 min. Daily Live Exam HM-25 MCQ (10×1=10); 10 min.
29 July 2025 (Tuesday)	C-24 Chemistry: Chapter-06	HM-26 H.Math: Chapter-05	Daily Live Exam	B-27 MCQ (10×1=10); 10 min. Daily Live Exam M-59 MCQ (10×1=10); 10 min.
30 July 2025 (Wednesday)	C-25 Chemistry: Chapter-06	P-25 Physics: Chapter-05	Daily Live Exam	C-24 MCQ (10×1=10); 10 min. Daily Live Exam HM-26 MCQ (10×1=10); 10 min.
31 July 2025 (Thursday)	M-60 Math: Chapter-17	P-26 Physics: Chapter-05	Daily Live Exam	C-25 MCQ (10×1=10); 10 min. Daily Live Exam P-25 MCQ (10×1=10); 10 min.
01 August 2025 (Friday)	Chapter Wise Exam: H.Math- Chapter- 01 (Set and Function) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
02 August 2025 (Saturday)	Chapter Wise Exam: Biology- Chapter- 05 (Food, Nutrition and Digestion) MCQ (10×1=10); 10 min & CQ/ Written (30marks); 1 hour.			
03 August 2025 (Sunday)	B-28 Biology: Chapter-06	HM-27 H.Math: Chapter-05	Daily Live Exam	M-60 MCQ (10×1=10); 10 min. Daily Live Exam P-26 MCQ (10×1=10); 10 min.
04 August 2025 (Monday)	B-29 Biology: Chapter-06	M-29 Math: Chapter-07	Daily Live Exam	B-28 MCQ (10×1=10); 10 min. Daily Live Exam HM-27 MCQ (10×1=10); 10 min.
Online classes and exams will be closed on August 5, 2025 (Tuesday) on the occasion of "July Mass Uprising Day"				
06 August 2025 (Wednesday)	C-26 Chemistry: Chapter-06	P-27 Physics: Chapter-05	Daily Live Exam	B-29 MCQ (10×1=10); 10 min. Daily Live Exam M-29 MCQ (10×1=10); 10 min.
07 August 2025 (Thursday)	M-30 Math: Chapter-07	P-28 Physics: Chapter-05	Daily Live Exam	C-26 MCQ (10×1=10); 10 min. Daily Live Exam P-27 MCQ (10×1=10); 10 min.
08 August 2025 (Friday)	ICT-07 ICT: Chapter-03	ICT-08 ICT: Chapter-03	Daily Live Exam	M-30 MCQ (10×1=10); 10 min. Daily Live Exam P-28 MCQ (10×1=10); 10 min.
	Chapter Wise Exam: ICT- Chapter- 02 (Computer Maintenance and Cyber Security) MCQ (15×1=15); 15 min & CQ/ Written (10 marks); 15 min.			
09 August 2025 (Saturday)	Chapter Wise Exam: Math- Chapter- 13 (Finite series) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
10 August 2025 (Sunday)	B-30 Biology: Chapter-06	HM-28 H.Math: Chapter-05	Daily Live Exam	ICT-07 MCQ (10×1=10); 10 min. Daily Live Exam ICT-08 MCQ (10×1=10); 10 min.
11 August 2025 (Monday)	B-31 Biology: Chapter-06	M-31 Math: Chapter-07	Daily Live Exam	B-30 MCQ (10×1=10); 10 min. Daily Live Exam HM-28 MCQ (10×1=10); 10 min.
12 August 2025 (Tuesday)	C-27 Chemistry: Chapter-06	HM-29 H.Math: Chapter-05	Daily Live Exam	B-31 MCQ (10×1=10); 10 min. Daily Live Exam M-31 MCQ (10×1=10); 10 min.
13 August 2025 (Wednesday)	C-28 Chemistry: Chapter-06	P-29 Physics: Chapter-05	Daily Live Exam	C-27 MCQ (10×1=10); 10 min. Daily Live Exam HM-29 MCQ (10×1=10); 10 min.
14 August 2025 (Thursday)	M-32 Math: Chapter-07	P-30 Physics: Chapter-05	Daily Live Exam	C-28 MCQ (10×1=10); 10 min. Daily Live Exam P-29 MCQ (10×1=10); 10 min.
15 August 2025 (Friday)	Chapter Wise Exam: Physics- Chapter- 04 (Work, Power and Energy) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
16 August 2025 (Saturday)	Chapter Wise Exam: Chemistry- Chapter- 05 (Chemical Bond-Partial) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
17 August 2025 (Sunday)	B-32 Biology: Chapter-06	HM-30 H.Math: Chapter-05	Daily Live Exam	M-32 MCQ (10×1=10); 10 min. Daily Live Exam P-30 MCQ (10×1=10); 10 min.
18 August 2025 (Monday)	B-33 Biology: Chapter-07	M-39 Math: Chapter-09	Daily Live Exam	B-32 MCQ (10×1=10); 10 min. Daily Live Exam HM-30 MCQ (10×1=10); 10 min.
19 August 2025 (Tuesday)	C-29 Chemistry: Chapter-07	HM-35 H.Math: Chapter-09	Daily Live Exam	B-33 MCQ (10×1=10); 10 min. Daily Live Exam M-39 MCQ (10×1=10); 10 min.

20 August 2025 (Wednesday)	C-30 Chemistry: Chapter-07	P-31 Physics: Chapter-05	Daily Live Exam C-29 MCQ (10×1=10); 10 min. Daily Live Exam HM-35 MCQ (10×1=10); 10 min.
21 August 2025 (Thursday)	M-40 Math: Chapter-09	P-32 Physics: Chapter-05	Daily Live Exam C-30 MCQ (10×1=10); 10 min. Daily Live Exam P-31 MCQ (10×1=10); 10 min.
22 August 2025 (Friday)	Chapter Wise Exam: H.Math- Chapter- 05 (Equation) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
23 August 2025 (Saturday)	Chapter Wise Exam: Biology- Chapter- 06 (Transport in Organisms) MCQ (10×1=10); 10 min & CQ/ Written (30marks); 1 hour.		
24 August 2025 (Sunday)	B-34 Biology: Chapter-07	HM-36 H.Math: Chapter-09	Daily Live Exam M-40 MCQ (10×1=10); 10 min. Daily Live Exam P-32 MCQ (10×1=10); 10 min.
25 August 2025 (Monday)	B-35 Biology: Chapter-07	M-41 Math: Chapter-09	Daily Live Exam B-34 MCQ (10×1=10); 10 min. Daily Live Exam HM-36 MCQ (10×1=10); 10 min.
26 August 2025 (Tuesday)	C-31 Chemistry: Chapter-07	HM-37 H.Math: Chapter-09	Daily Live Exam B-35 MCQ (10×1=10); 10 min. Daily Live Exam M-41 MCQ (10×1=10); 10 min.
27 August 2025 (Wednesday)	C-32 Chemistry: Chapter-07	P-33 Physics: Chapter-06	Daily Live Exam C-31 MCQ (10×1=10); 10 min. Daily Live Exam HM-37 MCQ (10×1=10); 10 min.
28 August 2025 (Thursday)	M-42 Math: Chapter-09	P-34 Physics: Chapter-06	Daily Live Exam C-32 MCQ (10×1=10); 10 min. Daily Live Exam P-33 MCQ (10×1=10); 10 min.
29 August 2025 (Friday)	Chapter Wise Exam: Math- Chapter- 17 (Statistics) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
30 August 2025 (Saturday)	Chapter Wise Exam: Physics- Chapter- 05 (State of Matter and Pressure) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
Next Class & Exam Routine will be published at (Part-04) ...			

Online Class & Exam System:

- Scan the QR code below to attend classes and exams or visit online.udvash-unmesh.com and **login** using the registration number provided.
- You can appear once between **9 am to 11:55pm** as per date mentioned in **daily exam** routine.
However, for more practice, students can participate in the **Practice Exam** of the same syllabus multiple times.
- Use the **Past Class** option to view recorded videos and PDFs of daily classes.
- Q&A** option can be used 24/7 to solve any subject related problems after the class.
- All those admitted in the 'Combo Batch' can participate in the Chapter wise exams online as well as in any nearby branch.
- Join our Facebook group (<https://www.facebook.com/groups/class6789.udvashunmesh>) to get all information in time.

Class Nine Academic Program- 2025 Syllabus [Part- 04]

<u>Physics</u>		
<u>Chapter</u>	<u>Lecture</u>	<u>Lecture based discussion</u>
<u>Chapter-04</u> Work, Power and Energy	P-23	Efficiency
	P-24	Mathematical problems
<u>Chapter-05</u> State of Matter and Pressure	P-25	Pressure, Density, Uses of Density in our Daily Life.
	P-26	Pressure in Liquid, Archimedes Law and Buoyancy.
	P-27	Flotation and Immersion of a Body.
	P-28	Pascal's Law.
	P-29	Pressure of air, Torricelli's experiment, Pressure of air and weather.
	P-30	Three States of Matter: Solid, Liquid and Gas, Molecular Kinetic Theory of Matter, Fourth state of Substance.
	P-31	Elasticity
	P-32	Mathematical Problems.
<u>Chapter-06</u> Effect of Heat on Matter	P-33	Heat and Temperature, Internal Energy
	P-34	Thermometric Properties of Matter, Relation among different scales and Mathematical Problems.

Chemistry		
Chapter	Lecture	Lecture based discussion
Chapter-06 Concept of Mole and Chemical Counting	C-23	Mole, Avogadro's number, Molar Volume of Gas, Mole and Molecular Formula
	C-24	Molar Solution & Molarity, Mathematical problems
	C-25	The Percentage Composition of Elements in Compounds, Percent Composition and Empirical Formula
	C-26	Determining the Molecular Formula of a Compound from Percent Composition
	C-27	Chemical Reactions and Chemical Equations, Balancing Chemical Equations.
	C-28	Mole and Chemical Equation, Calculation of the Percentage of Yield, Limiting Reactant.
Chapter-07 Chemical Reactions	C-29	Changes of Matter, Physical Change, Chemical Change, Classification of Chemical Reactions (Direction of Reaction, Heat Change and Reactions).
	C-30	Chemical Change, Classification of Chemical Reactions (Oxidation, Reduction, Electron Transfer, Redox Reactions)
	C-31	Oxidation Number and Determining Oxidation Number, Oxidation-reduction is a simultaneous process.
	C-32	Reactions that occur through electron transfer (Addition, Decomposition, Substitution or Displacement and Combustion Reaction)
Math		
Chapter	Lecture	Lecture based discussion
Chapter-17 Statistics	M-58	Determination of mean, Determination of arithmetic mean in short cut method.
	M-59	Concept of median, Examples, Exercises- 17.
	M-60	Concept of mode, Examples, Exercises – 17.
Chapter-07 Practical Geometry	M-29	Construction (1, 2, 3) Exercise-7.1 (1, 2).
	M-30	Exercise – 7.1 (3-7).
	M-31	Construction (4, 5), Examples (3, 4), Exercises- 7.2 (1-10).
	M-32	Exercise 7.2 (11-19).
Chapter-09 Trigonometric Ratio	M-39	Naming of sides of right-angled triangles, Constancy of ratios of sides of similar right angled triangles, Trigonometric ratios of acute angles, Relationship among trigonometric ratios, Trigonometric identity.
	M-40	Examples (1-12), Work, Exercises - 9.1 (1-7, 19, 20).
	M-41	Exercise 9.1 (8-16).
	M-42	Exercise 9.1 (17, 18, 21-25).

H. Math		
Chapter	Lecture	Lecture based discussion
Chapter-01 Set and Function	HM-08	Exercise-1.2 (15, 16, 17), Activity.
	HM-25	(Quadratic equations of one variable and their solutions), Exercise-5.1

Chapter-05 Equation	HM-26	(Equations with radicals, example), Exercise-5.2
	HM-27	Indicial equations, examples (12-18), work.
	HM-28	Exercise-5.3
	HM-29	(System of Quadratic Equations in Two Variables, Example), Exercise-5.4
	HM-30	(Applications of Quadratic Equations, Example), Exercise-5.5
Chapter-09 Exponential and Logarithmic Function	HM-35	Rational and Irrational Exponents, Laws for Exponents, Explanation of Roots (Proof of Formula (7), Rational Fractional Exponents, Corollary, Exercise-9.1 Examples (9-12).
	HM-36	Exercise 9.1 Examples (13,14,15), Activity.
	HM-37	Exercise-9.1 (1-6, 8).

Biology		
Chapter	Lecture	Lecture based discussion
Chapter-06 Transport in Organisms	B-25	Plant and water relationship, Imbibition, Diffusion, Osmosis.
	B-26	Absorption of water and mineral salts, Translocation in plants, Necessity of translocation in plants, Translocation of water and minerals, Ascent of sap, Translocation of the substances produced in photosynthesis, Phloem translocation.
	B-27	Transpiration, Factors affecting transpiration, Transpiration is a necessary evil.
	B-28	Blood circulation in human body, Blood, Components of blood (Plasma, Blood corpuscles), Functions of blood.
	B-29	Blood group, Donation of blood and social responsibilities, Structure and function of heart.
	B-30	Circulation of blood through the heart, Blood vessels (artery, vein, capillaries).
	B-31	Blood pressure, Ideal blood pressure, Hypertension, Cholesterol, Demerits of high cholesterol, Functions of cholesterol- Usefulness and its risk.
	B-32	Irregularities in blood and bone marrow-Leukemia, Circulatory diseases and their remedies (Heart attack, Rheumatic fever, Measures to keep the heart sound).
Chapter-07 Exchange of Gases	B-33	Gas exchange in plants, Human respiratory system (Nasal cavity and nasal passage, Pharynx, Larynx, Trachea)
	B-34	Human respiratory system (Bronchus, Lungs, Diaphragm), Breathing
	B-35	Gaseous exchange, O_2 absorption, CO_2 transport, Diseases of respiratory system (Asthma)
Information and Communication Technology		
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.

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