

Class 10 Academic Program 2025

[New Batch-Online/Combo]

Class & Exam Routine-02 [English Version]

Date & Day	Live Class-01 Time-7.00pm	Live Class-02 Time-9.30pm	Live Exam	Online: 9.00am-11.55pm
				Offline: 9.00am-5.00pm
18 May 2025 (Sunday)	Biology (B-09); Chapter-03	Chemistry (C-09); Chapter-04	Daily Live Exam (HM-04) MCQ (10×1=10); 10 min Daily Live Exam (M-08) MCQ (10×1=10); 10 min	
19 May 2025 (Monday)	Math (M-09); Chapter-03	Physics (P-09); Chapter-03	Daily Live Exam (B-09) MCQ (10×1=10); 10 min Daily Live Exam (C-09) MCQ (10×1=10); 10 min	
20 May 2025 (Tuesday)	H.Math (HM-05); Chapter-02	Physics (P-10); Chapter-03	Daily Live Exam (M-09) MCQ (10×1=10); 10 min Daily Live Exam (P-09) MCQ (10×1=10); 10 min	
21 May 2025 (Wednesday)	Biology (B-10); Chapter-03	Chemistry (C-10); Chapter-04	Daily Live Exam (HM-05) MCQ (10×1=10); 10 min Daily Live Exam (P-10) MCQ (10×1=10); 10 min	
22 May 2025 (Thursday)	H.Math (HM-06); Chapter-02	ICT (ICT-05); Chapter-04	Daily Live Exam (B-10) MCQ (10×1=10); 10 min Daily Live Exam (C-10) MCQ (10×1=10); 10 min	
23 May 2025 (Friday)	Math (M-10); Chapter-03	ICT (ICT-06); Chapter-04	Daily Live Exam (HM-06) MCQ (10×1=10); 10 min Daily Live Exam (ICT-05) MCQ (10×1=10); 10 min	
	Chapter Wise Exam -Chemistry-Chapter-03 (Structure of Matter) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
24 May 2025 (Saturday)	Chapter Wise Exam -Physics-Chapter-01 (Physical Quantities and Their Measurements) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
25 May 2025 (Sunday)	Biology (B-11); Chapter-04	Chemistry (C-11); Chapter-05	Daily Live Exam (M-10) MCQ (10×1=10); 10 min Daily Live Exam (ICT-06) MCQ (10×1=10); 10 min	
26 May 2025 (Monday)	Math (M-11); Chapter-03	Physics (P-11); Chapter-03	Daily Live Exam (B-11) MCQ (10×1=10); 10 min Daily Live Exam (C-11) MCQ (10×1=10); 10 min	
27 May 2025 (Tuesday)	---	---	Daily Live Exam (M-11) MCQ (10×1=10); 10 min Daily Live Exam (P-11) MCQ (10×1=10); 10 min	
28 May 2025 (Wednesday)	Biology (B-12); Chapter-04	Chemistry (C-12); Chapter-05	---	
29 May 2025 (Thursday)	H.Math (HM-11); Chapter-08	Math (M-12); Chapter-03	Daily Live Exam (B-12) MCQ (10×1=10); 10 min Daily Live Exam (C-12) MCQ (10×1=10); 10 min	
30 May 2025 (Friday)	H.Math (HM-12); Chapter-08	---	Daily Live Exam (HM-11) MCQ (10×1=10); 10 min	
	Chapter Wise Exam -Biology-Chapter-01 (Lessons on Life) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
31 May 2025 (Saturday)	Chapter Wise Exam -ICT-Chapter-02(Computer Maintenance and Cyber Security) MCQ (15×1=15);15min& Written 10 marks; 15min			
01 June 2025 (Sunday)	Biology (B-13); Chapter-04	Chemistry (C-13); Chapter-05	Daily Live Exam (HM-12) MCQ (10×1=10); 10 min Daily Live Exam (M-12) MCQ (10×1=10); 10 min	
02 June 2025 (Monday)	Math (M-13); Chapter-03	Physics (P-12); Chapter-03	Daily Live Exam (B-13) MCQ (10×1=10); 10 min Daily Live Exam (C-13) MCQ (10×1=10); 10 min	
(03 June to 14 June, 2025) All Classes and examinations will be closed due to 'Eid-UI-Adha'				
15 June 2025 (Sunday)	Biology (B-14); Chapter-04	Chemistry (C-14); Chapter-05	Daily Live Exam (M-13) MCQ (10×1=10); 10 min Daily Live Exam (P-12) MCQ (10×1=10); 10 min	
16 June 2025 (Monday)	Math (M-14); Chapter-03	Physics (P-13); Chapter-03	Daily Live Exam (B-14) MCQ (10×1=10); 10 min Daily Live Exam (C-14) MCQ (10×1=10); 10 min	
17 June 2025 (Tuesday)	H.Math (HM-13); Chapter-08	Physics (P-14); Chapter-03	Daily Live Exam (M-14) MCQ (10×1=10); 10 min Daily Live Exam (P-13) MCQ (10×1=10); 10 min	
18 June 2025 (Wednesday)	Biology (B-15); Chapter-11	Chemistry (C-15); Chapter-06	Daily Live Exam (HM-13) MCQ (10×1=10); 10 min Daily Live Exam (P-14) MCQ (10×1=10); 10 min	
19 June 2025 (Thursday)	H.Math (HM-14); Chapter-08	Math (M-15); Chapter-03	Daily Live Exam (B-15) MCQ (10×1=10); 10 min Daily Live Exam (C-15) MCQ (10×1=10); 10 min	
20 June 2025 (Friday)	Chapter Wise Exam -Chemistry-Chapter-04 (Periodic Table) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
21 June 2025 (Saturday)	Chapter Wise Exam - ICT-Chapter-04 (My Writings and Accounts) MCQ (15×1=15); 15min & Written 10 marks; 15min			

22 June 2025 (Sunday)	Biology (B-16); Chapter-11	Chemistry (C-16); Chapter-06	Daily Live Exam (HM-14) MCQ (10×1=10); 10 min Daily Live Exam (M-15) MCQ (10×1=10); 10 min
23 June 2025 (Monday)	Math (M-16); Chapter-03	Physics (P-15); Chapter-03	Daily Live Exam (B-16) MCQ (10×1=10); 10 min Daily Live Exam (C-16) MCQ (10×1=10); 10 min
24 June 2025 (Tuesday)	H.Math (HM-15); Chapter-09	Physics (P-16); Chapter-04	Daily Live Exam (M-16) MCQ (10×1=10); 10 min Daily Live Exam (P-15) MCQ (10×1=10); 10 min
25 June 2025 (Wednesday)	Biology (B-17); Chapter-11	Chemistry (C-17); Chapter-06	Daily Live Exam (HM-15) MCQ (10×1=10); 10 min Daily Live Exam (P-16) MCQ (10×1=10); 10 min
26 June 2025 (Thursday)	H.Math (HM-16); Chapter-09	ICT (ICT-07); Chapter-08	Daily Live Exam (B-17) MCQ (10×1=10); 10 min Daily Live Exam (C-17) MCQ (10×1=10); 10 min
27 June 2025 (Friday)	Chapter Wise Exam-H.Math-Chapter-02 (Algebraic Expression) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr		
28 June 2025 (Saturday)	Math (M-17); Chapter-07	ICT (ICT-08); Chapter-08	Daily Live Exam (HM-16) MCQ (10×1=10); 10 min Daily Live Exam (ICT-07) MCQ (10×1=10); 10 min
	Chapter Wise Exam-Biology-Chapter-03 (Cell Division) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr		
3 rd Part Routine Upcoming.....			

"Note: The routine may be modified or changed due to special needs"

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 11.55 pm** as per date mentioned in daily exam routine.
- Use the **Past Class** option to view recorded videos and PDFs of daily classes. But, for more practice, students can participate in the **Practice Exam** for the same syllabus multiple times.
- **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 ([Fb.com/groups/ssc.udvashunmesh](https://fb.com/groups/ssc.udvashunmesh)) to get all information in time.

Class 10 Academic Program 2025 [Online] Syllabus

Physics

Chapter	Chapter	Chapter
Chapter-03 (Force)	P-09	Inertia and Concept of Force: Newton's First Law, Inertia, Force
	P-10	Nature of Fundamental Force, Gravitational Force, Electromagnetic Force, Weak Nuclear Force or Weak Force, Strong Nuclear Force, Balanced and Unbalanced Forces, Momentum
	P-11	Collision, Conservation of Momentum and Energy, Safe Journey: Velocity and Motion
	P-12	Effect of Force on Motion: Newton's Second Law
	P-13	Effect of Force on Motion: Newton's Second Law & Gravitational Force
	P-14	Mathematical problems
	P-15	Newton's Third Law
	P-16	Frictional Force, Types of Friction (Static Friction, Kinetic Friction, Rolling Friction), Effects of Friction on Motion (Tyre's Surface, Smoothness off road, Controlling Motion and Breaking Force), Increase and Decrease of Friction, Friction: An essential hazard, Mathematical problems

Chemistry

Chapter	Chapter	Chapter
Chapter-04 (Periodic Table)	C-09	The Special Names of Elements Present in Various Groups (Alkali Metals, Alkaline Earth Metals, Coin Metals, Halogen Group, Inert Gas, Transition Elements)
	C-10	Advantages of the Periodic Table, Element in the Same Group in the Periodic Table Show similar Chemical Properties, Lime Water Test
Chapter-05 (Chemical Bond-Partial)	C-11	Valence Electrons, Valency, Radicals and Their Valencies, Chemical Formula of Compounds, Molecular Formula and Structural Formula, Octet and Duet Rules
	C-12	Inert Gases and their Stability, Chemical Bonds and the Causes of their Formation, Cations and Anions
	C-13	Ionic Bond or Electrovalent Bond, Covalent Bonds, Revision
	C-14	Characteristics of Ionic and Covalent Bonds (Melting Point and Boiling Point, Solubility, Electrical Conductivity)
Chapter-06 (Concept of Mole and Chemical Counting)	C-15	Mole, Avogadro's number, Molar Volume of Gas, Mole and Molecular Formula
	C-16	Molar Solution & Molarity, Mathematical problems
	C-17	The Percentage Composition of Elements in Compounds, Percent Composition and Empirical Formula

Biology

Chapter	Chapter	Chapter
Chapter-03 (Cell Division)	B-09	Cell Division and its Classifications, Mitosis, Stages of Mitosis
	B-10	Significance of mitosis, Meiosis, Significance of Meiosis
Chapter-04 (Bioenergetics)	B-11	Bioenergetics, The role and Structure of ATP, Photosynthesis, The Process of Photosynthesis (Light dependent phase, Light independent phase or dark phase)
	B-12	Calvin cycle, Hatch and Slack cycle or C_4 cycle, Role of Chlorophyll in Photosynthesis, Role of Light in Photosynthesis, Factors affecting photosynthesis, Importance of photosynthesis in living world
	B-13	Respiration, Type of respiration, Respiratory Factors (Aerobic respiration)
	B-14	Respiratory Factors (Anaerobic respiration), Factors affecting respiration, Significance of respiration
Chapter-11 (Reproduction in organism-Partial)	B-15	Concept of reproduction in organism and its significance, Plant Reproduction (Reproductive organ: Flower, Different parts of a flower)
	B-16	Inflorescence, Pollination, Medium of Pollination
	B-17	Microsporogenesis, Megasporogenesis

Mathematics

Chapter	Chapter	Chapter
Chapter-03 (Algebraic Expressions)	M-09	Factorization, Some techniques for determining the Factor, Work, Exercise- 3.3 (1-15)
	M-10	Exercise- 3.3 (16-25)
	M-11	Exercise -3.3 (26-31), Concept of Remainder Theorem, Concept of Factor Theorem, Example, Work
	M-12	Exercise -3.4 (1-16)
	M-13	Forming and applying algebraic formulae solving real life problems (Related to Payable or Attainable, Related to Time and Work, Related to Time and Distance) affairs, Exercise – 3.5 (14-19)
	M-14	Forming and applying algebraic formulae solving real life problems (Related to pipe and water tank, Related to profit and loss) affairs, Exercise – 3.5 (20-25)
	M-15	Algebraic formula formation (Related to investment and profit), Exercise -3.5 (26-33)
	M-16	Exercise – 3.5 (34-38)
Chapter-07 (Practical Geometry)	M-17	Construction (1, 2, 3) Exercise -7.1 (1, 2)

Higher mathematics

Chapter	Chapter	Chapter
Chapter-02 (Algebraic Expression)	HM-05	Exercise-2 (12,13), Partial Fractions, Example (23-29), Work
	HM-06	Exercises-2 (11,14)
Chapter-08 (Trigonometry-Partial)	HM-11	Sign of trigonometric ratios in different quadrants , Trigonometric Ratios Exercise -8.2 (1-6)
	HM-12	Exercise -8.2 (7-13), Example, Exercise -8.3 (10, 12)
	HM-13	Trigonometric ratios of many angles, Exercise -8.3 (7-9)
	HM-14	Exercise -8.3 (11, 13-16)
Chapter-09 (Exponential and Logarithmic Function)	HM-15	Rational and Irrational Exponents, Laws of Exponents, Explanation of the Root { Proof of Formula (7)}, Rational Fractional Exponents, Conditions, Exercise -9.1 Example (9-12)
	HM-16	Exercise -9.1, Example (13,14,15),Work

ICT

Chapter	Chapter	Chapter
Chapter-04 (My Writings and Accounts)	ICT-05	My Writing on Word Processor
	ICT-06	Spreadsheet and My Accounts Analysis of Spreadsheet
Chapter-05 (Multimedia and Graphics)	ICT-07	Concept of Multimedia, Media of Multimedia, Presentation Software, Opening Power Point Programme and Creating Slides, Saving Presentation, Adding New Slide, Display Slides in Presentation, Adding or Changing Background to the Slides, Insert Picture in Slide, Inserting Transition into Slide, Applying Transition Separately in Text, Applying Sound to Transition, Add Video to the Slide
	ICT-08	Graphics (Importance of Graphics, To open Photoshop program, To prepare new file in photoshop program), The Toolbox of Photoshop and Palette Distinction, Selection of Tools and Acquaintance of Move Tools

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