Class 10 Academic Program 2025
[New Batch-Online/Combo]

Class & Exam Routine-03 [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
29 June 2025 (Sunday)	Biology (B-18); Chapter-11	Chemistry (C-18); Chapter-06	Daily Live Exam (M-17) MCQ (10×1=10); 10 min	Daily Live Exam (ICT-08) MCQ (10×1=10); 10 min
30 June 2025 (Monday)	Math (M-18); Chapter-07	Physics (P-17); Chapter-04	Daily Live Exam (B-18) MCQ (10×1=10); 10 min	Daily Live Exam (C-18) MCQ (10×1=10); 10 min
01 July 2025 (Tuesday)	H.Math (HM-17); Chapter-09	Physics (P-18); Chapter-04	Daily Live Exam (M-18) MCQ (10×1=10); 10 min	Daily Live Exam (P-17) MCQ (10×1=10); 10 min
02 July 2025 (Wednesday)	Math (M-19); Chapter-07	Chemistry (C-19); Chapter -06	Daily Live Exam (HM-17) MCQ (10×1=10); 10 min	Daily Live Exam (P-18) MCQ (10×1=10); 10 min
03 July 2025 (Thursday)	H.Math (HM-18); Chapter-09	ICT (ICT-09); Chapter-05	Daily Live Exam (M-19) MCQ (10×1=10); 10 min	Daily Live Exam (C-19) MCQ (10×1=10); 10 min
04 July 2025 (Friday)	Chapter Wise Exam-H.Math-Chapter-08 (Trigonometry - Partial) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
05 July 2025 (Saturday)	Chapter Wise Exam-Biology-Chapter-04 (Bioenergetics) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
06 July 2025 (Sunday)	Biology (B-19); Chapter-12	Chemistry (C-20); Chapter -06	Daily Live Exam (HM-18) MCQ (10×1=10); 10 min	Daily Live Exam (ICT-09) MCQ (10×1=10); 10 min
07 July 2025 (Monday)	Math (M-20); Chapter-07	Physics (P-19); Chapter-04	Daily Live Exam (B-19) MCQ (10×1=10); 10 min	Daily Live Exam (C-20) MCQ (10×1=10); 10 min
08 July 2025 (Tuesday)	H.Math (HM-19); Chapter-09	Physics (P-20); Chapter-04	Daily Live Exam (M-20) MCQ (10×1=10); 10 min	Daily Live Exam (P-19) MCQ (10×1=10); 10 min
09 July 2025 (Wednesday)	Math (M-21); Chapter-08	Chemistry (C-21); Chapter-07	Daily Live Exam (HM-19) MCQ (10×1=10); 10 min	Daily Live Exam (P-20) MCQ (10×1=10); 10 min
10 July 2025 (Thursday)	H.Math (HM-20); Chapter-09	ICT (ICT-10); Chapter-05	Daily Live Exam (M-21) MCQ (10×1=10); 10 min	Daily Live Exam (C-21) MCQ (10×1=10); 10 min
11 July ২০২৫ (Friday)	Chapter Wise Exam-Physics-Chapter-03 (Force) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
12 July ২০২৫ (Saturday)	Chapter Wise Exam-Chemistry-Chapter-05 (Chemical Bond-Partial) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
13 July 2025 (Sunday)	Biology (B-20); Chapter-12	Chemistry (C-22); Chapter -07	Daily Live Exam (HM-20) MCQ (10×1=10); 10 min	Daily Live Exam (ICT-10) MCQ (10×1=10); 10 min
14 July 2025 (Monday)	Math (M-22); Chapte-08	Physics (P-21); Chapter-04	Daily Live Exam (B-20) MCQ (10×1=10); 10 min	Daily Live Exam (C-22) MCQ (10×1=10); 10 min
15 July 2025 (Tuesday)	H.Math (HM-21); Chapter-09	Physics (P-22); Chapter-04	Daily Live Exam (M-22) MCQ (10×1=10); 10 min	Daily Live Exam (P-21) MCQ (10×1=10); 10 min
16 July 2025 (Wednesday)	Math (M-23); Chapter-08	Chemistry (C-23); Chapter -07	Daily Live Exam (HM-21) MCQ (10×1=10); 10 min	Daily Live Exam (P-22) MCQ (10×1=10); 10 min
17 July 2025 (Thursday)	H.Math (HM-22); Chapter-09	ICT (ICT-11); Chapter-05	Daily Live Exam (M-23) MCQ (10×1=10); 10 min	Daily Live Exam (C-23) MCQ (10×1=10); 10 min
18 July 2025 (Friday)	Chapter Wise Exam-Math-Chapter-03 (Algebraic Expressions) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			
19 July 2025 (Saturday)	Chapter Wise Exam-Biology-Chapter-11 (Reproduction in organism-Partial) MCQ (10×1=10); 10 min & CQ/ Written 30 marks; 1hr			

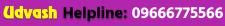| Date	Subject 1	Subject 2	Daily Live Exam
20 July 2025 (Sunday)	Biology (B-21); Chapter-12	Chemistry (C-24); Chapter -07	Daily Live Exam **(HM-22) MCQ** (10×1=10); 10 min Daily Live Exam **(ICT-11) MCQ** (10×1=10); 10 min
21 July 2025 (Monday)	Math (M-24); Chapter-08	Physics (P-23); Chapter-07	Daily Live Exam **(B-21) MCQ** (10×1=10); 10 min Daily Live Exam **(C-24) MCQ** (10×1=10); 10 min
22 July 2025 (Tuesday)	H.Math (HM-23); Chapter-10	Physics (P-24); Chapter-07	Daily Live Exam **(M-24) MCQ** (10×1=10); 10 min Daily Live Exam **(P-23) MCQ** (10×1=10); 10 min
23 July 2025 (Wednesday)	Math (M-25); Chapter-08	Chemistry (C-25); Chapter -07	Daily Live Exam **(HM-23) MCQ** (10×1=10); 10 min Daily Live Exam **(P-24) MCQ** (10×1=10); 10 min
24 July 2025 (Thursday)	H.Math (HM-24); Chapter-10	ICT (ICT-12); Chapter-05	Daily Live Exam **(M-25) MCQ** (10×1=10); 10 min Daily Live Exam **(C-25) MCQ** (10×1=10); 10 min
25 July 2025 (Friday)	**Chapter Wise Exam-**Math-Chapter-07 (Practical Geometry) **MCQ** (10×1=10); 10 min & **CQ/ Written** 30 marks; 1hr		
26 July 2025 (Saturday)	**Chapter Wise Exam-**Physics-Chapter-04 (Work, Power and Energy) **MCQ** (10×1=10); 10 min & **CQ/ Written** 30 marks; 1hr		
27 July 2025 (Sunday)	Biology (B-22); Chapter-12	Chemistry (C-26); Chapter -07	Daily Live Exam **(HM-24) MCQ** (10×1=10); 10 min Daily Live Exam **(ICT-12) MCQ** (10×1=10); 10 min
28 July 2025 (Monday)	Math (M-26); Chapter-08	Physics (P-25); Chapter-07	Daily Live Exam **(B-22) MCQ** (10×1=10); 10 min Daily Live Exam **(C-26) MCQ** (10×1=10); 10 min
29 July 2025 (Tuesday)	H.Math (HM-25); Chapter-10	Physics (P-26); Chapter-07	Daily Live Exam **(M-26) MCQ** (10×1=10); 10 min Daily Live Exam **(P-25) MCQ** (10×1=10); 10 min
30 July 2025 (Wednesday)	Math (M-27); Chapter-08	Chemistry (C-27); Chapter -11	Daily Live Exam **(HM-25) MCQ** (10×1=10); 10 min Daily Live Exam **(P-26) MCQ** (10×1=10); 10 min
31 July 2025 (Thursday)	H.Math (HM-26); Chapter-10	ICT (ICT-13); Chapter-06	Daily Live Exam **(M-27) MCQ** (10×1=10); 10 min Daily Live Exam **(C-27) MCQ** (10×1=10); 10 min
01 August 2025 (Friday)	**Chapter Wise Exam-**H.Math-Chapter-09 (Exponential and Logarithmic Function) **MCQ** (10×1=10); 10 min & **CQ/ Written** 30 marks; 1hr		
02 August 2025 (Saturday)	**Chapter Wise Exam-**Chemistry-Chapter-06 (Concept of Mole and Chemical Counting) **MCQ** (10×1=10); 10 min & **CQ/ Written** 30 marks; 1hr		
4th 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**) to get all information in time.

Scan the QR Code for more Information

OR

Udvash Helpline: 09666775566

Class 10 Academic Program 2025 [Online] Syllabus

Physics		
Chapter	**Chapter**	**Chapter**
Chapter-04 (Work, Power and Energy)	**P-17**	Work, Energy
	P-18	Different forms of energy, Kinetic Energy, Potential Energy
	P-19	Sources of Energy, Non-Renewable Energy (Fuel Energy, Nuclear Energy), Renewable Energy (Hydroelectricity, Biomass, Solar energy, Wind energy, Bio fuel, Geothermal energy), Transformation of energy and impact on environment, Conservation and Transformation of Energy, Conservation of energy, Transformation of Energy (Electrical energy, Chemical energy, Heat energy, Mechanical energy, Light energy, Mass)
	P-20	Relation between mass and energy, Mathematical problems
	P-21	Power, Efficiency
	P-22	Mathematical problems
Chapter-07 (Waves and Sound)	**P-23**	Simple Harmonic Motion
	P-24	Waves, Characteristics of Waves, Types of Waves, Wave related quantities
	P-25	Sound Wave, Characteristics of sound wave, Echo, Variation of Velocity of Sound, Uses of Sound (Three dimensional Seismic Surveys, Ultrasound cleaner)
	P-26	Musical Sound, Sound Pollution

Chemistry		
Chapter	**Chapter**	**Chapter**
Chapter-06 (Concept of Mole and Chemical Counting)	**C-18**	Determining the Molecular Formula of a Compound from Percent Composition
	C-19	Chemical Reactions and Chemical Equations, Balancing Chemical Equations.
	C-20	Mole and Chemical Equation, Calculation of the Percentage of Yield, Limiting Reactant.
Chapter-07 (Chemical Reactions)	**C-21**	Changes of Matter, Physical Change, Chemical Change, Classification of Chemical Reactions (Direction of Reaction, Heat Change and Reactions), Electron Transfer: Redox Reactions
	C-22	Oxidation Number and Determining Oxidation Number, Oxidation-reduction is a simultaneous process
	C-23	Reactions that occur through electron transfer (Addition, Decomposition, Substitution or Displacement and Combustion Reaction)
	C-24	Non Redox Reaction (Precipitation and Neutralization Reaction), Special Types of Chemical Reactions (Hydrolysis and Hydration Reaction)
	C-25	Special Types of Chemical Reactions, Isomerization and Polymerization, Example of a Few Real Life Chemical Reactions, Ways of Prevention of Some Harmful Reactions, Rate of Reaction
	C-26	Le Chatelier's Principle, Explanation of Le Chatelier's Principle and Effect
Chapter-11 (Mineral Resources : Fossils-Partial)	**C-27**	Hydrocarbon, Aliphatic Hydrocarbon, Aromatic Hydrocarbons

Biology		
Chapter	**Chapter**	**Chapter**
Chapter-11 (Reproduction in organism-Partial)	**B-18**	Fertilization, Development of new sporophyte, Origin of fruits
Chapter-12 (Heredity in Organisms and Biological Evolution)	**B-19**	Heredity in organism, Components carrying (heredity materials) behavioural features to the offspring from generation to generation, Chromosome, DNA
	B-20	RNA, Gene, DNA replication
	B-21	DNA Test, Determination of human sex
	B-22	Genetic disorder (Colour blind or Colour blindness, Thalassemia)

Mathematics		
Chapter	**Chapter**	**Chapter**
Chapter-07 (Practical Geometry)	**M-18**	Exercise – 7.1 (3-7)
	M-19	Construction (4, 5), Example (3, 4), Exercise – 7.2 (1-10)
	M-20	Exercise – 7.2 (11-19)
Chapter-08 (Circle)	**M-21**	Circle, Interior and exterior of a circle, Chord and diameter of a circle of -(17, 18, 19) theorem, Exercise -8.1 (1-2)
	M-22	Exercise – 8.1 (3-8)
	M-23	Exercise – 8.1 (9-12), Arc, Inscribed angle, Central angle, theorem - 20, 21, 22
	M-24	Exercise – 8.2
	M-25	Inscribed Quadrilaterals related theorem (23, 24), Exercise -8.3 (1, 2)
	M-26	Exercise – 8.3 (3-7)
	M-27	Secant of a Circle, Tangent, Common tangent, Theorem (25, 26, 27)

Higher mathematics		
Chapter	**Chapter**	**Chapter**
Chapter-09 (Exponential and Logarithmic Function)	**HM-17**	Exercise -9.1 (1-6, 8)
	HM-18	Example (16, 17), Exercise -9.1 (7, 9)
	HM-19	Example (18-29), 223 pages of work
	HM-20	Exercise -9.2 (1, 2, 3, 4, 5 of 7,6)
	HM-21	Exercise -9.2 (6, 7, 8 of 7), Example (31, 33), Exercise -9.2 (10, 11, 12)
	HM-22	Logarithm and Absolute Value, Function graph, Exercise -9.2 (8, 9, 13, 14, 15)
Chapter-10 (Binomial Expansion)	**HM-23**	Binomial Expansion of $(1 + y)^n$, Use of Pascal's Triangle, Example (1, 2, 3), Exercise – 10.1 (1, 2, 4, 5, 6)
	HM-24	Relation between *n! and ^nC_r, Example (4), Exercise -10.1 (3), Binomial expansion of $(x + y)^n$
	HM-25	Finding the value of n! and ^nC_r, Finding the $(r+1)^{th}$ term, Exercise -10.2 (10-14), HW: Example (10)
	HM-26	Exercise -10.2 (15-19)

ICT		
Chapter	**Chapter**	**Chapter**
Chapter-05 (Multimedia and Graphics)	**ICT-09**	Selection of Tools and Move Tools (Re-discussion), Shifting of Selection, Fill Colour in the Floating Selection, The use of Feather, Select with Lasso Tool and Polygonal Lasso Tool, Stroke, Saving File, Layer, Insert New Layer, Thumbnail Icon, Clustering, Integrating and Segregating Palette, Making Layer Object, Preparing Text Layer, Transferring Picture from One file to Another, Fixing Target Layer, Changing the Opacity of the Layer, Removing Layer, Combining or Merging Layers
	ICT-10	Cut, Copy, Paste and Paste into The Use of Crop Tool, Cropping up Tilted Picture, Use of Eraser Tool, Creating Blend with Gradient Tool, To create linear blend with gradient tool, Editing Gradient, Adding and Removing New Color and Color Stops, Adjusting Brightness and Contrast of Picture
	ICT-11	Illustrator, Open Illustrator Programme, To Open File in Illustrator, Work Tools, Title Bar, Name of the Necessary Tools of the Toolbox, Filling Color on Object, Color, Gradient and None [Color, (.) Gradient (.) None (/)], Increasing and Reducing the Size of Object, Changing the Positioning of Page By Hand Tool, Mode of Viewing Object, Creating Object, Selecting Object and Erasing Borderline or Path, Path, Selection Tool, Direct Selection Tool, Grouping Object, Lock the Objects, Use of Cut, Copy, Paste Command
	ICT-12	Layer, Creating New Layer, Cancelling Layer, Merging Layers, Use of Color in Object, Color Palette, Fill Color, The Use of Stroke, Pen and Pencil Tool, Closed Path and Opened Path, Pencil Tool and Pen Tool, Editing Path, Adding Anchor Point, Removing Anchor Point, Editing Curve Path, Writing Job, Point Text, Editing Writing, Selecting Letters, Changing Color of Letters, Deleting Letters, Enlarging or Reducing Font Size, Increasing or Decreasing Font Size Vertically and Horizontally, Baseline Shift, The Leading, Area Text, Typing in the Path, Typing outside Circular Object, Arranging Writing in Open Path, Creating Outline of Letters, Placement of Image in Illustrator
Chapter-06 (Problem Solving through Programming)	**ICT-13**	Programming in problem solving, Programming Language, What is machine Code or machine language? (Compiler , Interpreter)