Class 10 Academic Program 2025
[New Batch-Online]

Class & Exam Routine-01 [English Version]

19 April 2025 (Saturday) : Orientation Class [Time: 7.00pm]				
Date & Day	**Live Class-01 Time-6.45pm**	**Live Class-02 Time–9.15pm**	**Live Exam**	**Online: 9.00am-11.55pm**
				Offline: 9.00am-5.00pm
20 April 2025 (Sunday)	Chemistry (C-01); Chapter-03	Biology (B-03); Chapter-02	**Basic Introductory Exam**	
21 April 2025 (Monday)	Math (M-01); Chapter -02	Physics (P-03); Chapter -02	Daily Live Exam **(C-01)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(B-03)** MCQ $(10×1=10)$; 10 min	
22 April 2025 (Tuesday)	H.Math (HM-07); Chapter -07	Physics (P-04); Chapter -02	Daily Live Exam **(M-01)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(P-03)** MCQ $(10×1=10)$; 10 min	
23 April 2025 (Wednesday)	Biology (B-04); Chapter - 02	Chemistry (C-02); Chapter -03	Daily Live Exam **(HM-07)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(P-04)** MCQ $(10×1=10)$; 10 min	
24 April 2025 (Thursday)	H.Math (HM-08); Chapter -07	Math (M-02); Chapter -02	Daily Live Exam **(B-04)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(C-02)** MCQ $(10×1=10)$; 10 min	
27 April 2025 (Sunday)	Biology (B-05); Chapter -02	Chemistry (C-03); Chapter -03	Daily Live Exam **(HM-08)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(M-02)** MCQ $(10×1=10)$; 10 min	
28 April 2025 (Monday)	Math (M-03); Chapter -02	Physics (P-05); Chapter -02	Daily Live Exam **(B-05)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(C-03)** MCQ $(10×1=10)$; 10 min	
29 April 2025 (Tuesday)	H.Math (HM-09); Chapter -07	Physics (P-06); Chapter -02	Daily Live Exam **(M-03)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(P-05)** MCQ $(10×1=10)$; 10 min	
30 April 2025 (Wednesday)	Biology (B-06); Chapter - 02	Chemistry (C-04); Chapter -03	Daily Live Exam **(HM-09)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(P-06)** MCQ $(10×1=10)$; 10 min	
01 May 2025 (Thursday)	H.Math (HM-10); Chapter -07	ICT (ICT-01); Chapter -02	Daily Live Exam **(B-06)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(C-04)** MCQ $(10×1=10)$; 10 min	
03 May 2025 (Saturday)	Math (M-04); Chapter -02	ICT (ICT-02); Chapter -02	Daily Live Exam **(HM-10)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(ICT-01)** MCQ $(10×1=10)$; 10 min	
04 May 2025 (Sunday)	Biology (B-07); Chapter -02	Chemistry (C-05); Chapter -03	Daily Live Exam **(M-04)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(ICT-02)** MCQ $(10×1=10)$; 10 min	
05 May 2025 (Monday)	Math (M-05); Chapter -03	Physics (P-07); Chapter -02	Daily Live Exam **(B-07)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(C-05)** MCQ $(10×1=10)$; 10 min	
06 May 2025 (Tuesday)	H.Math (HM-01); Chapter -02	Physics (P-08); Chapter -02	Daily Live Exam **(M-05)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(P-07)** MCQ $(10×1=10)$; 10 min	
07 May 2025 (Wednesday)	Biology (B-08); Chapter - 02	Chemistry (C-06); Chapter -03	Daily Live Exam **(HM-01)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(P-08)** MCQ $(10×1=10)$; 10 min	
08 May 2025 (Thursday)	H.Math (HM-02); Chapter -02	ICT (ICT-03); Chapter -02	Daily Live Exam **(B-08)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(C-06)** MCQ $(10×1=10)$; 10 min	
09 May 2025 (Friday)	**Chapter Wise Exam**-H.Math-Chapter-07 (Infinite Series) **MCQ** $(10×1=10)$; 10 min & **CQ/ Written** 30 marks; 1hr			
10 May 2025 (Saturday)	Math (M-06); Chapter -03	ICT (ICT-04); Chapter -02	Daily Live Exam **(HM-02)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(ICT-03)** MCQ $(10×1=10)$; 10 min	
	Chapter Wise Exam-Math-Chapter-02 (Sets and Functions)-**MCQ** $(10×1=10)$; 10 min & **CQ/ Written** 30 marks; 1hr			
11 May 2025 (Sunday)	Biology (B-01); Chapter -01	Chemistry (C-07); Chapter -04	Daily Live Exam **(M-06)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(ICT-04)** MCQ $(10×1=10)$; 10 min	
12 May 2025 (Monday)	Math (M-07); Chapter -03	Physics (P-01); Chapter -01	Daily Live Exam **(B-01)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(C-07)** MCQ $(10×1=10)$; 10 min	
13 May 2025 (Tuesday)	H.Math (HM-03); Chapter -02	Physics (P-02); Chapter -01	Daily Live Exam **(M-07)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(P-01)** MCQ $(10×1=10)$; 10 min	
14 May 2025 (Wednesday)	Biology (B-02); Chapter - 01	Chemistry (C-08); Chapter -04	Daily Live Exam **(HM-03)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(P-02)** MCQ $(10×1=10)$; 10 min	
15 May 2025 (Thursday)	H.Math (HM-04); Chapter -02	Math (M-08); Chapter -03	Daily Live Exam **(B-02)** MCQ $(10×1=10)$; 10 min Daily Live Exam **(C-08)** MCQ $(10×1=10)$; 10 min	
16 May 2025 (Friday)	**Chapter Wise Exam**-Biology-Chapter-02 (Cells and Tissues of Organisms) **MCQ** $(10×1=10)$; 10 min & **CQ/ Written** 30 marks; 1hr			
17 May 2025 (Saturday)	**Chapter Wise Exam**- Physics-Chapter-02 (Motion) **MCQ** $(10×1=10)$; 10 min & **CQ/ Written** 30 marks; 1hr			
2nd Part Routine Upcoming……				

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.

Class 10 Academic Program 2025 [Online] Syllabus

Physics		
Chapter	**Chapter**	**Chapter**
Chapter-02 (Motion)	**P-03**	Rest and Motion, Different Types of Motion (Linear Motion, Circular Motion, Translational Motion, Periodic Motion, Simple Harmonic Motion)
	P-04	Scalars and Vectors Quantities
	P-05	Distance and Displacement, Speed and Velocity, Acceleration and Deceleration or Retardation
	P-06	Equations of Motion
	P-07	Laws of Falling Bodies
	P-08	Mathematical problems
Chapter-01 (Physical Quantities and Their Measurements)	**P-01**	Physics, Scope of Physics, Development of Physics, Initial Stage, Rising Stage of Science, Introduction to Modern Physics, Contemporary Physics, Contributions of Jagadish Chandra Bose, Objectives of Physics, Unfold the Mystery of Nature, To Know the Laws of Nature, Development of Technology Using the Laws of Nature, Physical Quantities and Their Measurements, Units of Measurements, Prefix, Dimension, Scientific Symbols and Notations
	P-02	Measuring Instruments, Scale or Ruler, Balance, Stop Watch, Error and Accuracy

Chemistry		
Chapter	**Chapter**	**Chapter**
Chapter-03 (Structure of Matter)	**C-01**	Elements and Compounds, Atoms and Molecules, Symbols of Elements, Formula, The fundamental particles of an atom, Atomic Number, Mass Number
	C-02	Atomic Model, Rutherford's Atomic Model, Limitations of Rutherford's Model
	C-03	Bohr's Atomic Model, Success and Limitations of Bohr's Model
	C-04	Orbital Electronic Configuration of Atoms, Concept of Energy Sublevel, The Principles of Electronic Configuration in Atoms, Example
	C-05	The Principles of Electronic Configuration in Atoms (Revision), Some Exceptions in Electronic Configuration
	C-06	Isotopes, Atomic Mass or Relative Atomic Mass, Determining the Average Relative Mass of an Element from Percentage of Isotope, Getting the Relative Molecular Mass from Relative Atomic Mass, Radioactive Isotopes and Their Uses, Medical Science, Agriculture Sector, Generation of Electricity, Impact of Radioactive Isotope
Chapter-04 (Periodic Table)	**C-07**	Background of Periodic Table, Characteristics of the Periodic Table, Determination of the Position of Elements in the Periodic Table from Their Electronic Configuration, Electronic Configurations of Elements are the Main Basis of the Periodic Table
	C-08	Some Exceptions in the Periodic Table, Periodic Properties of Elements (Metallic and Non-metallic Properties, Atomic Radius/Size of atom, Ionization Energy, Electron Affinities, Electronegativity)

Biology		
Chapter	**Chapter**	**Chapter**
Chapter-02 (Cells and Tissues of Organisms)	**B-03**	Living Cell, Types of Cells, Plant & Animal Cells (With Fig.), Difference between Plant and Animal Cells, Main Organelles of Plant and Animal Cells and their Functions (Cell Wall)
	B-04	Main Organelles of Plant and Animal Cells and their Functions (Cell Wall Protoplasm), Plasmalemma, Cytoplasmic organelles, Mitochondria, Plastid (Chloroplast, Chromoplast, Leucoplast)
	B-05	Golgi body, Endoplasmic reticulum, Vacuole, Lysosome, Non-membranous cytoplasmic organelles, Nucleus
	B-06	Roles of different cells in proper functioning of plants and animals, Plant tissue (Simple tissue, Complex tissue, Xylem, Phloem)
	B-07	Animal tissues (Epithelial Tissue), Animal tissues (Types of Connective Tissue), Muscular Tissue, Nerve tissue
	B-08	Organ and System, Microscope, Electron microscope, Various differences
Chapter-01 (Lessons on Life)	**B-01**	Concept of Biology, Branches of Biology (Physical Biology, Applied Biology), Classification of living beings, Aim of Classification, Living World (Margulis+ R.H.Whittaker's Classification- Monera, Protista)
	B-02	Living World (Margulis + R.H.Whittaker Classification - Fungi, Plantae,Animalia), Different steps of Classification, System of Binomial Nomenclature, Scientific Name

Mathematics		
Chapter	**Chapter**	**Chapter**
Chapter-02 (Sets and Functions)	**M-01**	Set, Methods for expressing sets, All definitions and examples (Finite Set, Infinite Set, Empty Set, Subset, Proper Subset, Equivalent Set, Difference of Sets, Power Set, Universal Set, Complement of a Set, Union of Sets, Intersection of Sets, Disjoint Set), Exercises- 2.1 (1-6)
	M-02	Ordered Pair, Cartesian Product , Venn diagram, Exercises- 2.1 (7-12)
	M-03	Relation, Function, Example
	M-04	Exercises- 2.2
Chapter-03 (Algebraic Expressions)	**M-05**	Algebraic Expressions, Algebraic Formulae, Example of 3.1, Work, Exercise- 3.1 (1,2)
	M-06	Exercise- 3.1 (3-15)
	M-07	Formulae of Cubes, Corollary, Work, Exercise- 3.2 (1,2)
	M-08	Exercise- 3.2 (3-15)

Higher mathematics		
Chapter	**Chapter**	**Chapter**
Chapter-07 (Infinite Series)	**HM-07**	Sequences, Page- 148 (Work), Series, Infinite Series, General term, Example, Exercise-7 (1-4, 6, 9, 10)
	HM-08	Proof of the infinite geometric series formula, Example, Page-151 (Work), Exercises -7 (5, 7, 8, 11)
	HM-09	Exercise -7 (12, 13, 14)
	HM-10	Exercise-7 (15, 16, 17)
Chapter-02 (Algebraic Expression)	**HM-01**	Variable, Constant, Polynomial, Polynomial of One, Two and Three Variable, Homogeneous, Symmetric and Cyclic Expressions, Work of Page-43 & 44, Exercise- 2 (1,2)
	HM-02	Work of Page-57 (1), Exercise- 2 (1,2,3 of 10)
	HM-03	Work of Page-59, Example- 22, Exercise- 2 (4 of 10), Multiplication and Division of Polynomial, Identity, Remainder and Factor Theorems, Converse of Factor Theorem, Work of Page-51,52, Exercise-2 (3-5)
	HM-04	Exercise-2 (6,7), Corollary-01 of Page-56, Activity (2,3) of Page-57, Example-18, Exercise-2 (8,9), HW: Exercises-2 (15)

ICT		
Chapter	**Chapter**	**Chapter**
Chapter-02 (Computer Maintenance and Cyber Security)	**ICT-01**	Computer Maintenance, Importance of Software in the Maintenance of Computer, Installation and Uninstallation of Software, Installation of Software, Deletion of Software
	ICT-02	Information Security and Cyber Risk, Cyber Crime, Hacking, Brute Force Attack, Data Interception, DDoS Attack, Cyber Bullying, Fake News
	ICT-03	The Strategies for Security over the Internet, Two Factor Authentication (2FA), Internet Addiction Disorder (IAD), Addiction to Computer Games, Addiction to Social Networking Site, The Way out of Addiction
	ICT-04	Piracy, The Urgency of Copyright Law, Right to Information and Security, General Troubleshooting, Some Common Desktop Computer Problems and Solutions