Class Seven Academic Program 2025
[New Batch- Online]

Math-Science Class & Exam Routine- 01 [English Version]

Date & Day	Live Class- 01 (6:45pm- 7:45pm)	Live Class- 02 (9:15pm- 10:15pm)	Live Exam Online: 9:00am- 11:55pm
21 April 2025 (Monday)	(S-27); Science: Chapter-06	(M-19); Math: Chapter-04	Basic Introductory Exam
23 April 2025 (Wednesday)	(S-28); Science: Chapter-06	(M-20); Math: Chapter-04	Daily Live Exam (S-27) MCQ (10×1=10); 10 min. Daily Live Exam (M-19) MCQ (10×1=10); 10 min.
26 April 2025 (Saturday)	(S-29); Science: Chapter-06	(M-21); Math: Chapter-04	Daily Live Exam (S-28) MCQ (10×1=10); 10 min. Daily Live Exam (M-20) MCQ (10×1=10); 10 min.
28 April 2025 (Monday)	(S-30); Science: Chapter-06	(M-22); Math: Chapter-04	Daily Live Exam (S-29) MCQ (10×1=10); 10 min. Daily Live Exam (M-21) MCQ (10×1=10); 10 min.
30 April 2025 (Wednesday)	(S-01); Science: Chapter-01	(M-23); Math: Chapter-04	Daily Live Exam (S-30) MCQ (10×1=10); 10 min. Daily Live Exam (M-32) MCQ (10×1=10); 10 min.
02 May 2025 (Friday)	Chapter Wise Exam: Science- Chapter- 06 (Structure of Matter) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
03 May 2025 (Saturday)	S-02); Science: Chapter-01	(M-24); Math: Chapter-04	Daily Live Exam (S-01) MCQ (10×1=10); 10 min. Daily Live Exam (M-23) MCQ (10×1=10); 10 min.
05 May 2025 (Monday)	S-03); Science: Chapter-01	(M-25); Math: Chapter-04	Daily Live Exam (S-02) MCQ (10×1=10); 10 min. Daily Live Exam (M-24) MCQ (10×1=10); 10 min.
07 May 2025 (Wednesday)	S-04); Science: Chapter-01	(M-26); Math: Chapter-04	Daily Live Exam (S-03) MCQ (10×1=10); 10 min. Daily Live Exam (M-25) MCQ (10×1=10); 10 min.
10 May 2025 (Saturday)	(S-31); Science: Chapter-07	(M-27); Math: Chapter-04	Daily Live Exam (S-04) MCQ (10×1=10); 10 min. Daily Live Exam (M-26) MCQ (10×1=10); 10 min.
12 May 2025 (Monday)	(S-32); Science: Chapter-07	(M-28); Math: Chapter-04	Daily Live Exam (S-31) MCQ (10×1=10); 10 min. Daily Live Exam (M-27) MCQ (10×1=10); 10 min.
14 May 2025 (Wednesday)	(S-33); Science: Chapter-07	(M-09); Math: Chapter-02	Daily Live Exam (S-32) MCQ (10×1=10); 10 min. Daily Live Exam (M-28) MCQ (10×1=10); 10 min.
16 May 2025 (Friday)	Chapter Wise Exam: Science- Chapter- 01 (Lower Organisms) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
17 May 2025 (Saturday)	(S-34); Science: Chapter-07	(M-10); Math: Chapter-02	Daily Live Exam (S-33) MCQ (10×1=10); 10 min. Daily Live Exam (M-09) MCQ (10×1=10); 10 min.
19 May 2025 (Monday)	(S-05); Science: Chapter-02	(M-11); Math: Chapter-02	Daily Live Exam (S-34) MCQ (10×1=10); 10 min. Daily Live Exam (M-10) MCQ (10×1=10); 10 min.
21 May 2025 (Wednesday)	(S-06); Science: Chapter-02	(M-12); Math: Chapter-02	Daily Live Exam (S-05) MCQ (10×1=10); 10 min. Daily Live Exam (M-11) MCQ (10×1=10); 10 min.
23 May 2025 (Saturday)	Chapter Wise Exam: Math- Chapter- 04 (Multiplication and Division of Algebraic Expressions) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
24 May 2025 (Saturday)	(S-07); Science: Chapter-02	(M-13); Math: Chapter-02	Daily Live Exam (S-06) MCQ (10×1=10); 10 min. Daily Live Exam (M-12) MCQ (10×1=10); 10 min.
26 May 2025 (Monday)	(S-08); Science: Chapter-02	(M-14); Math: Chapter-02	Daily Live Exam (S-07) MCQ (10×1=10); 10 min. Daily Live Exam (M-13) MCQ (10×1=10); 10 min.
28 May 2025 (Wednesday)	(S-09); Science: Chapter-02	(M-51); Math: Chapter-08	Daily Live Exam (S-08) MCQ (10×1=10); 10 min. Daily Live Exam (M-14) MCQ (10×1=10); 10 min.
30 May 2025 (Friday)	Chapter Wise Exam: Science- Chapter- 07 (The Use of Energy) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		
31 May 2025 (Saturday)	(S-10); Science: Chapter-02	(M-52); Math: Chapter-08	Daily Live Exam (S-09) MCQ (10×1=10); 10 min. Daily Live Exam (M-51) MCQ (10×1=10); 10 min.
All classes & exams will be closed on the occasion of the holy Eid-ul-Adha [from 02.06.2025 to 13.06.2025].			
14 Jun 2025 (Saturday)	(S-11); Science: Chapter-03	(M-01); Math: Chapter-01	Daily Live Exam (S-10) MCQ (10×1=10); 10 min. Daily Live Exam (M-52) MCQ (10×1=10); 10 min.
16 Jun 2025 (Monday)	(S-12); Science: Chapter-03	(M-02); Math: Chapter-01	Daily Live Exam (S-11) MCQ (10×1=10); 10 min. Daily Live Exam (M-01) MCQ (10×1=10); 10 min.
18 Jun 2025 (Wednesday)	(S-13); Science: Chapter-03	(M-03); Math: Chapter-01	Daily Live Exam (S-12) MCQ (10×1=10); 10 min. Daily Live Exam (M-02) MCQ (10×1=10); 10 min.
20 Jun 2025 (Friday)	Chapter Wise Exam: Math- Chapter-02 (Proportion, Profit and Loss) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.		

21 Jun 2025 (Saturday)	**(S-14); Science: Chapter-03**	**(M-04); Math: Chapter-01**	Daily Live Exam **(S-13)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-03)** MCQ (10×1=10); 10 min.
23 Jun 2025 (Monday)	**(S-15); Science: Chapter-04**	**(M-05); Math: Chapter-01**	Daily Live Exam **(S-14)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-04)** MCQ (10×1=10); 10 min.
25 Jun 2025 (Wednesday)	**(S-16); Science: Chapter-04**	**(M-06); Math: Chapter-01**	Daily Live Exam **(S-15)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-05)** MCQ (10×1=10); 10 min.
27 Jun 2025 (Friday)		**Chapter Wise Exam: Science- Chapter-02 (Cellular Organisation of Plants and Animals) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.**	
28 Jun 2025 (Saturday)	**(S-17); Science: Chapter-04**	**(M-07); Math: Chapter-01**	Daily Live Exam **(S-16)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-06)** MCQ (10×1=10); 10 min.
30 Jun 2025 (Monday)	**(S-18); Science: Chapter-04**	**(M-08); Math: Chapter-01**	Daily Live Exam **(S-17)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-07)** MCQ (10×1=10); 10 min.
Next Class & Exam Routine will be published at (Part-02) …		

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 Seven Math-Science Syllabus

Math		
Chapter	**Lecture**	**Syllabus**
Chapter-04 **Multiplication and Division of Algebraic Expressions**	**M-19**	Multiplication of Algebraic Expressions (Laws), Multiplication of expressions with signs
	M-20	Monomial Multiplied by Monomial, Polynomial Multiplied by Monomial, Exercise – 4.1 (1-12)
	M-21	Polynomial Multiplied by Polynomial, Exercise – 4.1 (13-24)
	M-22	Exercise – 4.1 (25-28)
	M-23	Division of Algebraic Expressions, Division of a Monomial by a Monomial, Exercise – 4.2 (1-6)
	M-24	Division of a Polynomial by a Monomial, Exercise – 4.2 (7-13)
	M-25	Division of a Polynomial by a Polynomial, Exercise – 4.2 (14-24)
	M-26	Division of Algebraic Expressions related problems, Exercise – 4.2 (25-35)
	M-27	Use of Brackets, Exercise – 4.3 (15-29)
	M-28	Exercise – 4.3 (30-34)
Chapter-02 **Proportion, Profit and Loss**	**M-09**	Ratio of multiple expressions and successive ratios, Proportion, Exercise – 2.1 (1-4)
	M-10	Proportional division, Exercise– 2.1 (5-16)
	M-11	Profit-Loss, Exercise – 2.2 (1-7)
	M-12	Profit-Loss related problems, Exercise – 2.2 (8-15)
	M-13	Problems related to speed, Exercise – 2.3 (11-18)
	M-14	Problems related to speed, Exercise – 2.3 (19-26)
Chapter-08 **Parallel Straight Lines**	**M-51**	Geometrical argument method, 8.2 Transversals, Pair of parallel straight lines
	M-52	Angles made by bisect of parallel lines with a transversal, Theorem 1, Exercise – 8
Chapter-01	**M-01**	Squares and square roots, Integer, Properties of square numbers , Symbol of a square root
	M-02	Determining square root by prime factorization, Exercise – 1.1 (1)

Rational and Irrational Numbers	M-03	Determining square root by division method, Exercise – 1.1 (2)
	M-04	Some important points on square and square root, Problems of square and square root, Exercise – 1.1 (3-6)
	M-05	Finding square root of decimal fraction, Rules for finding a square root, Determination of square root in approximation value, Exercise – 1.2 (11,12)
	M-06	Perfect square fraction, square root of a fraction, Exercise – 1.2 (13,14)
	M-07	Rational and irrational numbers, Expression of rational and irrational numbers in a number line
	M-08	Exercise – 1.2 (15-24)

Science		
Chapter	**Lecture**	**Syllabus**
Chapter-06 **Structure of Matter**	S-27	Constituent of Matter, Smallest Particle Theory
	S-28	Atoms and molecules, Atoms and Symbol
	S-29	Molecule and Formula, Particles of Atom
	S-30	Use of Water as Universal Solvent
Chapter-01 **Lower Organisms**	S-01	Microbial World, Virus and Bacteria
	S-02	Algae, Fungi and Amoeba
	S-03	Entamoeba
	S-04	Role of Microbes in Creating Health Hazards, Prevention and Remedy of Health Hazards caused by Microbes
Chapter-07 **The Use of Energy**	S-31	Work. Power and Energy, Different forms of Energy
	S-32	Transformation of Energy, Energy Conservation
	S-33	Renewable Energy, Non-Renewable Energy
	S-34	The Use and Crisis of Energy, Searching of Alternative Source of Energy, The Effect of Energy in Our Life and Its Cost-Effective Use
Chapter-02 **Cellular Organisation of Plants and Animals**	S-05	General Structure of Plant and Animal Cells
	S-06	Cytoplasmic Organelles (Up to Mitochondria)
	S-07	Cytoplasmic Organelles (Golgi Body, Nucleus)
	S-08	Characteristics and Functions of Plant Tissues
	S-09	Characteristics and Functions of Animal Tissues (Up to Functions of Muscles)
	S-10	From Connective Tissues up to Functions of Nerve Tissue
Chapter-03 **External Morphology of Plants**	S-11	Modifications of Main Root, Modified Adventitious Roots (Up to Tubercular Roots)
	S-12	Modified for Mechanical Support
	S-13	Modified Stems (Up to Sucker)
	S-14	Aerial Modified Stems, Modified Leaves
Chapter-04 **Respiration**	S-15	What is Respiration, Respiration in Living World
	S-16	Respiration in Animals
	S-17	Respiratory Process
	S-18	Common diseases of Respiratory Tract