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

Math-Science Class & Exam Routine- 02 [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 Ofline- 9:00am to 5:00pm
11 July 2025 (Friday)	Chapter Wise Exam: Science- Chapter- 02 (Organisation of Plants and Animals) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
12 July 2025 (Saturday)	**(S-15); Science: Chapter-03**	**(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.	
14 July 2025 (Monday)	**(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.	
16 July 2025 (Wednesday)	**(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.	
18 July 2025 (Friday)	Chapter Wise Exam: Math- Chapter- 08 (Parallel Straight Lines) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
19 July 2025 (Saturday)	**(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.	
Online classes and exams will be closed on July 21 and July 22, 2025.				
23 July 2025 (Wednesday)	**(S-35); Science: Chapter-08**	**(M-15); Math: Chapter-03**	Daily Live Exam **(S-18)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-08)** MCQ (10×1=10); 10 min.	
25 July 2025 (Friday)	Chapter Wise Exam: Science- Chapter- 03 (External Morphology of Plants) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
26 July 2025 (Saturday)	**(S-36); Science: Chapter-08**	**(M-16); Math: Chapter-03**	Daily Live Exam **(S-35)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-15)** MCQ (10×1=10); 10 min.	
28 July 2025 (Monday)	**(S-37); Science: Chapter-09**	**(M-17); Math: Chapter-03**	Daily Live Exam **(S-36)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-16)** MCQ (10×1=10); 10 min.	
30 July 2025 (Wednesday)	**(S-38); Science: Chapter-09**	**(M-18); Math: Chapter-03**	Daily Live Exam **(S-37)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-17)** MCQ (10×1=10); 10 min.	
01 August 2025 (Friday)	Chapter Wise Exam: Math- Chapter- 01 (Rational and Irrational Numbers) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
02 August 2025 (Saturday)	**(S-39); Science: Chapter-09**	**(M-29); Math: Chapter-05**	Daily Live Exam **(S-38)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-18)** MCQ (10×1=10); 10 min.	
04 August 2025 (Monday)	**(S-40); Science: Chapter-09**	**(M-30); Math: Chapter-05**	Daily Live Exam **(S-39)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-29)** MCQ (10×1=10); 10 min.	
06 August 2025 (Wednesday)	**(S-41); Science: Chapter-10**	**(M-31); Math: Chapter-05**	Daily Live Exam **(S-40)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-30)** MCQ (10×1=10); 10 min.	
08 August 2025 (Saturday)	Chapter Wise Exam: Science- Chapter- 04 (Respiration) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
09 August 2025 (Saturday)	**(S-42); Science: Chapter-10**	**(M-32); Math: Chapter-05**	Daily Live Exam **(S-41)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-31)** MCQ (10×1=10); 10 min.	
11 August 2025 (Monday)	**(S-43); Science: Chapter-10**	**(M-33); Math: Chapter-05**	Daily Live Exam **(S-42)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-32)** MCQ (10×1=10); 10 min.	
13 August 2025 (Wednesday)	**(S-44); Science: Chapter-10**	**(M-34); Math: Chapter-05**	Daily Live Exam **(S-43)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-33)** MCQ (10×1=10); 10 min.	
15 August 2025 (Friday)	Chapter Wise Exam: Math- Chapter- 03 (Measurement) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
16 August 2025 (Saturday)	**(S-19); Science: Chapter-05**	**(M-35); Math: Chapter-05**	Daily Live Exam **(S-44)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-34)** MCQ (10×1=10); 10 min.	
18 August 2025 (Monday)	**(S-20); Science: Chapter-05**	**(M-36); Math: Chapter-05**	Daily Live Exam **(S-19)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-35)** MCQ (10×1=10); 10 min.	
20 August 2025 (Wednesday)	**(S-21); Science: Chapter-05**	**(M-37); Math: Chapter-05**	Daily Live Exam **(S-20)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-36)** MCQ (10×1=10); 10 min.	
22 August 2025 (Friday)	Chapter Wise Exam: Science- Chapter- 08 (About Sound) MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.			
23 August 2025 (Saturday)	**(S-22); Science: Chapter-05**	**(M-38); Math: Chapter-05**	Daily Live Exam **(S-21)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-37)** MCQ (10×1=10); 10 min.	

25 August 2025 (Monday)	**(S-23); Science: Chapter-05**	**(M-53); Math: Chapter-09**	Daily Live Exam **(S-22)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-38)** MCQ (10×1=10); 10 min.
27 August 2025 (Wednesday)	**(S-24); Science: Chapter-05**	**(M-54); Math: Chapter-09**	Daily Live Exam **(S-23)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-53)** MCQ (10×1=10); 10 min.
29 August 2025 (Friday)		**Chapter Wise Exam: Science- Chapter- 09 (Heat and Temperature)** MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.	
30 August 2025 (Saturday)	**(S-25); Science: Chapter-05**	**(M-55); Math: Chapter-09**	Daily Live Exam **(S-24)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-54)** MCQ (10×1=10); 10 min.
01 September 2025 (Monday)	**(S-26); Science: Chapter-05**	**(M-56); Math: Chapter-09**	Daily Live Exam **(S-25)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-55)** MCQ (10×1=10); 10 min.
03 September 2025 (Wednesday)	**(S-45); Science: Chapter-11**	**(M-57); Math: Chapter-09**	Daily Live Exam **(S-26)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-56)** MCQ (10×1=10); 10 min.
05 September 2025 (Friday)		**Chapter Wise Exam: Math- Chapter- 05 (Algebraic Formulae and Applications)** MCQ (10×1=10); 10 min & CQ/ Written (30 marks); 1 hour.	
06 September 2025 (Saturday)	**(S-46); Science: Chapter-11**	**(M-58); Math: Chapter-09**	Daily Live Exam **(S-45)** MCQ (10×1=10); 10 min. Daily Live Exam **(M-57)** MCQ (10×1=10); 10 min.
		Next Class & Exam Routine will be published at (Part-03) …	

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 [Part- 02]

Math		
Chapter	**Lecture**	**Lceture based discussion**
Chapter-01 **Rational and Irrational Numbers**	**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)
Chapter-03 **Measurement**	**M-15**	Measurement of Length, Units of measurement of length, Relation between Metric and British system, Exercise – 3 (8-9)
	M-16	Measurement of Area, Relation between Metric and British system in measuring Area, Exercise – 3 (10-14)
	M-17	Measurement of weights, Metric units of measurement of weight, Exercise – 3 (15-19)
	M-18	Measuring Volume of Liquids, Metric units of measurement of volume, Exercise – 3 (20-27)
Chapter-05 **Algebraic Formulae and Applications**	**M-29**	Algebraic Formulae, Formula-1, The geometric explanation of the formula, Corollary-1
	M-30	Formula-2, Corollary-2, Exercise – 5.1 (1-24)
	M-31	Corollary-3, Corollary-4, Corollary-5, Corollary-6
	M-32	Exercise – 5.1 (25-34)
	M-33	Formula-3, Exercise – 5.2 (1-7)
	M-34	Formula-4, Exercise – 5.2 (8-12)
	M-35	Factors of algebraic expressions, Resolving into factors with the help of distribution law of multiplication, Exercise – 5.3 (1-3)
	M-36	Resolving into factors with the help of algebraic formulae, Exercise – 5.3 (4-20)
	M-37	Dividend, Divisor, Factor and Multiple, Highest Common Factor (H.C.F), Exercise – 5.4 (17-26)
	M-38	Least Common Multiple (L.C.M), Exercise – 5.4 (27-39)

	M-53	Medians of a triangle, Altitudes of a triangle, Exterior and interior angles of a triangle, Sum of three angles of a triangle, **Theorem 1:** The sum of three angles of a triangle is equal to two right angles.
	M-54	Exercise – 9.1
Chapter-09 **Triangles**	M-55	Angle and side relations of a triangle, **Theorem 2:** If one side of a triangle is greater than another, the angle opposite to the greater side is greater than the angle opposite to the smaller side, **Theorem 3:** If one angle of any triangle is greater than another, then the side opposite to the greater angle is greater than the side opposite the smaller angle.
	M-56	Sum of two sides of a triangle, **Theorem 4:** The sum of the lengths of any two sides of a triangle is greater than the length of the third side, Exercise – 9.2
	M-57	Construction of Triangles, Construction-1, Construction-2
	M-58	Construction-3, Construction-4

Science		
Chapter	**Lecture**	**Lceture based discussion**
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
Chapter-08 **About Sound**	S-35	Sound and Its Characteristics, Origin of Sound, Circulation of Sound or Propagation of Sound, Propagation of Sound Through Liquid and Velocity of Sound
	S-36	Circulation of Sound Through Solid and Its Velocity of Sound, How Can Animals Hear Sounds, Limit of Audibility and Noise, Sound Making Machines
Chapter-09 **Heat And Temperature**	S-37	Heat, Temperature
	S-38	Measurement of Temperature, Measuring Scale of Temperature
	S-39	Expansion of Matter Due to Effect of Heat, Humidity and The Effect of Temperature Over Humidity and Atmospheric Pressure
	S-40	Transmission of Heat
Chapter-10 **Phenomena of Electricity and Magnet**	S-41	Origination of Charge, Existence of Charge, Conductor, Non-conductor and Semi-conductor
	S-42	Producing Current Electricity from Static Electricity, Simple Circuit and Its Use
	S-43	Use of Current Flows, What is Magnet?
	S-44	Magnetic and Non-magnetic Substance, Transforming Magnetic Substance into Magnets
Chapter-05 **Digestive System and Blood Circulation**	S-19	Digestion of Food, Saliva and Enzymes
	S-20	Digestive System (Up to Esophagus)
	S-21	From Stomach to Anus
	S-22	Digestive Glands and Their Functions
	S-23	Common Diseases and Their Remedy
	S-24	Blood Circulatory System (Up to Platelets)
	S-25	Functions of Blood, Blood Vessels
	S-26	Heart, Heart Diseases
Chapter-11 **Change in Surrounding and Various Incidents**	S-45	Melting and Boiling, Decaying of Metal
	S-46	Stainless Steel, Combustion