Class Ten
Academic Program-2024 (Online)

Batch Time
English Version – 04:00 PM

Class Routine-03

Exam Time
10:00 am To 10:00 pm

Date & Day	Live Class (Online Smart Board)	Live Exam (Online)
28 April 2024 (Sunday)	Physics (P-05+06) : Chapter-09 (Refraction of Light)	Daily Exam (M-07+08) MCQ (10×1=10); 10 min
29 April 2024 (Monday)	Biology(B-21+22) : Chapter-14 (Biotechnology)	Daily Exam (P-05+06) MCQ (10×1=10); 10 min
30 April 2024 (Tuesday)	Math (M-09+10) : Chapter-03 (Algebraic Expressions)	Daily Exam (B-21+22) MCQ (10×1=10); 10 min
01 May 2024 (Wednesday)	Chemistry (C-21+22) : Chapter-12 (Chemistry in Our Lives)	Daily Exam (M-09+10) MCQ (10×1=10); 10 min
02 May 2024 (Thursday)	Higher Math (H.M-19+20) : Chapter-09 (Exponential and Logarithmic Functions)	Daily Exam (C-21+22) MCQ (10×1=10); 10 min
03 May 2024 (Friday)	Chapter wise Exam-24 : Physics - Chapter-09 (Refraction of Light) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
04 May 2024 (Saturday)	Chapter wise Exam-25 : Biology – Chapter-14 (Biotechnology) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
05 May 2024 (Sunday)	Physics (P-07+08) : Chapter-10 (Static Electricity)	Daily Exam (H.M-19+20) MCQ (10×1=10); 10 min
06 May 2024 (Monday)	Biology(B-01+02) : Chapter-09 (Firmness and Locomotion)	Daily Exam (P-07+08) MCQ (10×1=10); 10 min
07 May 2024 (Tuesday)	Math (M-11+12) : Chapter-03 (Algebraic Expressions)	Daily Exam (B-01+02) MCQ (10×1=10); 10 min
08 May 2024 (Wednesday)	Chemistry (C-23+24) : Chapter-12 (Chemistry in Our Lives)	Daily Exam (M-11+12) MCQ (10×1=10); 10 min
09 May 2024 (Thursday)	Higher Math (H.M-21+22) : Chapter-09 (Exponential and Logarithmic Functions)	Daily Exam (C-23+24) MCQ (10×1=10); 10 min
10 May 2024 (Friday)	Chapter wise Exam-26 : Math - Chapter-03 (Algebraic Expressions) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
11 May 2024 (Saturday)	Chapter wise Exam-27 : Chemistry - Chapter-12 (Chemistry in Our Lives) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
12 May 2024 (Sunday)	Physics (P-09+10) : Chapter-10 (Static Electricity)	Daily Exam (H.M-21+22) MCQ (10×1=10); 10 min
13 May 2024 (Monday)	Biology(B-03+04) : Chapter-09 (Firmness and Locomotion)	Daily Exam (P-09+10) MCQ (10×1=10); 10 min
14 May 2024 (Tuesday)	Math (M-31+32) : Chapter-13 (Finite Series)	Daily Exam (B-03+04) MCQ (10×1=10); 10 min
15 May 2024 (Wednesday)	Chemistry (C-01+02) : Chapter-09 (Acid-Base Balance)	Daily Exam (M-31+32) MCQ (10×1=10); 10 min
16 May 2024 (Thursday)	Higher Math (H.M-31+32) : Chapter-12 (Planer Vector)	Daily Exam (C-01+02) MCQ (10×1=10); 10 min
17 May 2024 (Friday)	Chapter wise Exam-28 : Biology - Chapter-09 (Firmness and Locomotion) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
18 May 2024 (Saturday)	Chapter wise Exam-29 : Higher Math - Chapter-09 (Exponential and Logarithmic Functions) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
19 May 2024 (Sunday)	Physics (P-11+12) : Chapter-10 (Static Electricity)	Daily Exam (H.M-31+32) MCQ (10×1=10); 10 min
20 May 2024 (Monday)	Higher Math (H.M-33+34) : Chapter-12 (Planer Vector)	Daily Exam (P-11+12) MCQ (10×1=10); 10 min
21 May 2024 (Tuesday)	Math (M-33+34) : Chapter-13 (Finite Series)	Daily Exam (H.M-33+34) MCQ (10×1=10); 10 min
22 May 2024 (Wednesday)	Chemistry (C-03+04) : Chapter-09 (Acid-Base Balance)	Daily Exam (M-33+34) MCQ (10×1=10); 10 min
23 May 2024 (Thursday)	Higher Math (H.M-35+36) : Chapter-13 (Solid Geometry)	Daily Exam (C-03+04) MCQ (10×1=10); 10 min
24 May 2024 (Friday)	Chapter wise Exam-30 : Physics - Chapter-10 (Static Electricity) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
25 May 2024 (Saturday)	Chapter wise Exam-31 : Higher Math - Chapter-12 (Planer Vector) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
26 May 2024 (Sunday)	Physics (P-27+28) : Chapter-14 (Physics to Save Life)	Daily Exam (H.M-35+36) MCQ (10×1=10); 10 min
27 May 2024 (Monday)	Math (M-45+46) : Chapter-16 (Mensuration)	Daily Exam (P-27+28) MCQ (10×1=10); 10 min
28 May 2024 (Tuesday)	Math (M-47+48) : Chapter-16 (Mensuration)	Daily Exam (M-45+46) MCQ (10×1=10); 10 min
29 May 2024 (Wednesday)	ICT (ICT-09+10) : Chapter-06 (The Use of Database)	Daily Exam (M-47+48) MCQ (10×1=10); 10 min
30 May 2024 (Thursday)	Higher Math (H.M-37+38) : Chapter-13 (Solid Geometry)	Daily Exam (ICT-09+10) MCQ (10×1=10); 10 min
31 May 2024 (Friday)	Chapter wise Exam-32 : Chemistry - Chapter-09 (Acid-Base Balance) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
01 June 2024 (Saturday)	Chapter wise Exam-33 : Math - Chapter-13 (Finite Series) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
02 June 2024 (Sunday)	Higher Math (M-49+50) : Chapter-17 (Statistics)	Daily Exam (H.M-37+38) MCQ (10×1=10); 10 min
03 June 2024 (Monday)	Chapter wise Exam-34 : Physics - Chapter-14 (Physics to Save Life) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
04 June 2024 (Tuesday)	Higher Math (H.M-39+40) : Chapter-13 (Solid Geometry)	Daily Exam (M-49+50) MCQ (10×1=10); 10 min
05 June 2024 (Wednesday)	Chapter wise Exam-35 : Math - Chapter-16 (Mensuration) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
06 June 2024 (Thursday)	Math (M-51+52) : Chapter-17 (Statistics)	Daily Exam (H.M-39+40) MCQ (10×1=10); 10 min
07 June 2024 (Friday)	- - - -	Daily Exam (M-51+52) MCQ (10×1=10); 10 min
08 June 2024 (Saturday)	Chapter wise Exam-36 : Higher Math - Chapter-13 (Solid Geometry) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
10 June 2024 (Monday)	Chapter wise Exam-37 : Math - Chapter-17 (Statistics) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
11 June 2024 (Thursday)	Chapter wise Exam-38 : ICT - Chapter-06 (Multimedia and Graphics) MCQ (15×1=15); 15 min	

Evaluation Test Routine

Date & Day	Subject	Syllabus	Exam Type & Duration
23 June 2024 (Sunday)	Physics	Chapter- 09, 10, 11, 12, 13, 14	CQ (5×10=50); 2.30 Hrs & MCQ (25×1=25); 25 min
25 June 2024 (Tuesday)	Biology	Chapter- 09, 11, 12, 13, 14	CQ (5×10=50); 2.30 Hrs & MCQ (25×1=25); 25 min
27 June 2024 (Thursday)	Math	Chapter- 03, 08, 10, 11, 12, 13, 14, 15, 16, 17	CQ (7×10=70); 2.30 Hrs & MCQ (30×1=30); 30 min
29 June 2024 (Saturday)	Chemistry	Chapter- 09, 10, 11, 12	CQ (5×10=50); 2.30 Hrs & MCQ (25×1=25); 25 min
01 July 2024 (Monday)	H. Math	Chapter- 05, 06, 07, 08, 09, 10, 11, 12, 13, 14	CQ (5×10=50); 2.30 Hrs & MCQ (25×1=25); 25 min
02 July 2024 (Thursday)	ICT	Chapter- 05, 06	MCQ (25×1=25); 25 min

Syllabus – 03

Physics Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter 09 (Refraction of Light)	P-05	Convex lens (At a distance less than Focal Length, At focal length, outside the focal length)
	P-06	Power of lens, Function of the Eye, Perception of colored objects
Chapter 10 (Static Electricity)	P-07	Charge, Static Electricity by friction, Electrical induction
	P-08	Electroscope and electric force
	P-09	Mathematical problems on Electric Force, Electric Field, and Electric Potential
	P-10	Potential difference and mathematical problems
	P-11	Capacitor and related problems, Uses of static electricity
	P-12	Revision of electric force, Electric potential, Potential difference, and capacitor
Chapter 14 (Physics to Save Life)	P-27	Contribution of Jagadish Chandra Bose, X-Ray, Ultrasonography, CT scan
	P-28	MRI, Angiography, Endoscopy, ECG, ETT, Radio Therapy, Isotopes

Chemistry Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter-9 (Acid-Base Balance)	C-01	Acid, Demonstrating properties of dilute acids through experiments, The role of water in chemical properties of acids, Alkali & Base, Properties of dilute bases
	C-02	Dilute base in reaction with metallic salts, The role of water in chemical properties of Alkali, Corrosive properties of concentrated acids and alkali
	C-03	Revision, the conception of pH, Measuring pH, Importance of pH, Neutralization Reaction (Importance of Neutralization Reaction in daily life, Salt), Acid rain
	C-04	Hardness of water, Water pollution & pollution control, Testing the purity of water and water purification, BOD, COD, Concept of Molarity
Chapter-12 (Chemistry in Our Lives)	C-21	Soap, Detergent, and it's working mechanism, Bleaching powder
	C-22	Important reactions and working mechanisms (Revision)
	C-23	Laboratory production of ammonia gas & Industrial production ammonia gas, Chemistry in agriculture & industry
	C-24	Preservative, Glass Cleaner, Toilet Cleaner

Math Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter-03 (Algebraic Expressions)	M-09	Exercise – 3.1, 3.2
	M-10	Exercise – 3.3, 3.4 (Re-discussion)
	M-11	Exercise – 3.5 (Re-discussion)
	M-12	Chapter-03 (Board Standard CQ & MCQ Question discussion)
Chapter-13 (Finite series)	M-31	Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise- 13.1(1-7, 9-18)
	M-32	Exercise 13.1(8, 19-24)
	M-33	Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8- 11)
	M-34	Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)
Chapter-16 (Mensuration)	M-45	Circumference of a circle, length of arc segment, area of a circle, example, work, exercise – 16.3 (10) complete
	M-46	Exercise – 16.3 (1-9)
	M-47	Rectangular Solids, Cubes, Exercise - 16.4 (8-13)
	M-48	Cylinder, Exercise- 16.4 (14-21)
Chapter-17 (Statistics)	M-49	Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve
	M-50	Determination of mean, Determination of arithmatic mean in short cut method
	M-51	Concept of median, Examples, Exercises- 17
	M-52	Concept of mode, Examples, Exercises – 17

Biology Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter-09 (Firmness and Locomotion)	B-01	Introductions of human skeleton, Role of skeleton in firmness and locomotion
	B-02	Bone, Cartilage, Joint (Synovial joint, Types of joint)
	B-03	Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament
	B-04	Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)
Chapter-14 (Biotechnology)	B-21	Biotechnology, Stages of Tissue culture, Uses of tissue culture
	B-22	Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use

ICT Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter 06 (The Use of Database)	ICT-09	Alphabetical and Cardinal sorting of Data, Searching Information, Searching Conditional Information, Searching Information based on Village name, Viewing Records of More Villages, Searching Information based on Male/Female, Query and Report
	ICT-10	Collecting and Saving Information in Query Method, Collecting Information Based on Villages and Union in Query Process, Adding Gridlines to Report

Higher Math Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter-09 (Exponential and Logarithmic Functions)	H.M-19	Examples (18-29), Work on page 211
	H.M-20	Exercise-9.2 (a, b, c, d, e of 6 and 7)
	H.M-21	Exercise-9.2 (f, g, h of 7), Examples (31, 33), Exercise-9.2 (10, 11, 12)
	H.M-22	Logarithmic and absolute value functions, Graph of functions, Exercise-9.2 (8, 9, 13, 14, 15)
Chapter-12 (Planar Vector)	H.M-31	Equality of vectors, inverse vectors, addition and subtraction of vectors, rules of addition of vectors, scalar multiplication of vectors, distributive law for scalar multiplication of vectors, law of triangle and parallelogram, Examples-1, 2
	H.M-32	(1-8, 10, 12) of Exercise-12, Example-4
	H.M-33	Position vectors, Example-3, 5, Exercise-12(9, 11)
	H.M-34	(13-16) of Exercise-12
Chapter-13 (Solid Geometry)	H.M-35	Some basic definitions, solids, volume and surface area of rectangular solids, cube, Exercise-13 (7-9), HW: Exercise-13 (31)
	H.M-36	Exercise-13 (10, 21-23), Right circular cone, Exercise-13 (11-13, 24) HW: Exercise-13 (32)
	H.M-37	Sphere, Exercise-13 (14-20)
	H.M-38	Prism, pyramid, example
	H.M-39	Exercise-13 (25-28)
	H.M-40	Rectangular Solids, Exercise-13 (1-6 and 29, 30)

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 10 am to 10 pm as per date mentioned in daily exam routine.
- Use the 'Past Class' option to view recorded videos and PDFs of daily classes.
- QnA 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.
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Chuadanga-01713-236764	Chandpur-01713-236765	Netrokona-01713-236767	Cox's Bazar-01713-236766	Pirozpur-01713-236790	Rajbari-01713-236786
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