Class Ten
Academic Program-2024 (Online)

Class Routine-02

Batch Time
English Version – 04:00 PM

Exam Time
10:00 am To 10:00 pm

Date & Day	Live Class (Online Smart Board)	Live Exam (Online)
28 February 2024 (Wednesday)	Chemistry (C-13+14) : Chapter-11 (Mineral Resources : Fossils)	Daily Exam (H.M-43+44) MCQ (10×1=10); 10 min
29 February 2024 (Thursday)	Higher Math (H.M-27+28) : Chapter-11 (Coordinate Geometry)	Daily Exam (C-13+14) MCQ (10×1=10); 10 min
01 March 2024 (Friday)	Chapter wise Exam-12 : Math - Chapter-08 (Circle) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
02 March 2024 (Saturday)	Chapter wise Exam-13 : Higher Math - Chapter-14 (Probability) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
03 March 2024 (Sunday)	Physics (P-23+24) : Chapter-13 (Modern Physics and Electronics)	Daily Exam (H.M-27+28) MCQ (10×1=10); 10 min
04 March 2024 (Monday)	Biology(B-13+14) : Chapter-12 (Heredity in Organisms and Evolution)	Daily Exam (P-23+24) MCQ (10×1=10); 10 min
05 March 2024 (Tuesday)	Math (M-35+36) : Chapter-14 (Ratio, Similarity and Symmetry)	Daily Exam (B-13+14) MCQ (10×1=10); 10 min
06 March 2024 (Wednesday)	Chemistry (C-15+16) : Chapter-11 (Mineral Resources : Fossils)	Daily Exam (M-35+36) MCQ (10×1=10); 10 min
07 March 2024 (Thursday)	Biology(B-15+16) : Chapter-12 (Heredity in Organisms and Evolution)	Daily Exam (C-15+16) MCQ (10×1=10); 10 min
09 March 2024 (Saturday)	Chapter wise Exam-14 : Biology - Chapter-12 (Heredity in Organisms and Evolution) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
10 March 2024 (Sunday)	Physics (P-25+26) : Chapter-13 (Modern Physics and Electronics)	Daily Exam (B-15+16) MCQ (10×1=10); 10 min
11 March 2024 (Monday)	Higher Math (H.M-29+30) : Chapter-11 (Coordinate Geometry)	Daily Exam (P-25+26) MCQ (10×1=10); 10 min
12 March 2024 (Tuesday)	Math (M-37+38) : Chapter-14 (Ratio, Similarity and Symmetry)	Daily Exam (H.M-29+30) MCQ (10×1=10); 10 min
13 March 2024 (Wednesday)	Chemistry (C-17+18) : Chapter-11 (Mineral Resources : Fossils)	Daily Exam (M-37+38) MCQ (10×1=10); 10 min
14 March 2024 (Thursday)	Higher Math (H.M-15+16) : Chapter-08 (Trigonometry)	Daily Exam (C-17+18) MCQ (10×1=10); 10 min
15 March 2024 (Friday)	Chapter wise Exam-15 : Higher Math - Chapter-11 (Coordinate Geometry) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
16 March 2024 (Saturday)	Chapter wise Exam-16 : Chemistry - Chapter-11 (Mineral Resources : Fossils) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
17 March 2024 (Sunday) All classes and examinations will be closed due to National Children's Day		
18 March 2024 (Monday)	Biology(B-17+18) : Chapter-13 (Environment of life)	Daily Exam (H.M-15+16) MCQ (10×1=10); 10 min
19 March 2024 (Tuesday)	Math (M-39+40) : Chapter-14 (Ratio, Similarity and Symmetry)	Daily Exam (B-17+18) MCQ (10×1=10); 10 min
20 March 2024 (Wednesday)	Chemistry (C-19+20) : Chapter-12 (Chemistry in Our Lives)	Daily Exam (M-39+40) MCQ (10×1=10); 10 min
21 March 2024 (Thursday)	Higher Math (H.M-17+18) : Chapter-08 (Trigonometry)	Daily Exam (C-19+20) MCQ (10×1=10); 10 min
22 March 2024 (Friday)	Chapter wise Exam-17 : Physics - Chapter-13 (Modern Physics and Electronics) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
23 March 2024 (Saturday)	Chapter wise Exam-18 : Math - Chapter-14 (Ratio, Similarity and Symmetry) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
24 March 2024 (Sunday)	Physics (P-01+02) : Chapter-09 (Refraction of Light)	Daily Exam (H.M-17+18) MCQ (10×1=10); 10 min
25 March 2024 (Monday)	Biology(B-19+20) : Chapter-13 (Environment of life)	Daily Exam (P-01+02) MCQ (10×1=10); 10 min
26 March 2024 (Tuesday) All classes and examinations will be closed due to Independence Day		
27 March 2024 (Wednesday)	Math (M-41+42) : Chapter-15 (Area Related Theorem and Construction)	Daily Exam (B-19+20) MCQ (10×1=10); 10 min
28 March 2024 (Thursday)	Higher Math (H.M-01+02) : Chapter-05 (Equation)	Daily Exam (M-41+42) MCQ (10×1=10); 10 min
29 March 2024 (Friday)	Chapter wise Exam-19 : Higher Math - Chapter-08 (Trigonometry) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
30 March 2024 (Saturday)	Chapter wise Exam-20 : Biology - Chapter-13 (Environment of life) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
31 March 2024 (Sunday)	Physics (P-03+04) : Chapter-09 (Refraction of Light)	Daily Exam (H.M-01+02) MCQ (10×1=10); 10 min
01 April 2024 (Monday)	Math (M-43+44) : Chapter-15 (Area Related Theorem and Construction)	Daily Exam (P-03+04) MCQ (10×1=10); 10 min
02 April 2024 (Tuesday)	Math (M-01+02) : Chapter-03 (Algebraic Expressions)	Daily Exam (M-43+44) MCQ (10×1=10); 10 min
03 April 2024 (Wednesday)	ICT (ICT-05+06) : Chapter-05 (Multimedia and Graphics)	Daily Exam (M-01+02) MCQ (10×1=10); 10 min
04 April 2024 (Thursday)	Higher Math (H.M-03+04) : Chapter-05 (Equation)	Daily Exam (ICT-05+06) MCQ (10×1=10); 10 min
05 April 2024 (Friday)	Chapter wise Exam-21 : ICT - Chapter-05 (Multimedia and Graphics) MCQ (15×1=15); 15 min	
(06 April to 19 April 2024) All classes and examinations will be closed due to 'Eid-Ul-Fitr'		
20 April 2024 (Saturday)	Chapter wise Exam-22 : Math - Chapter-15 (Area Related Theorem and Construction) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	
21 April 2024 (Sunday)	Math (M-03+04) : Chapter-03 (Algebraic Expressions)	Daily Exam (H.M-03+04) MCQ (10×1=10); 10 min
22 April 2024 (Monday)	Higher Math (H.M-05+06) : Chapter-05 (Equation)	Daily Exam (M-03+04) MCQ (10×1=10); 10 min
23 April 2024 (Tuesday)	Math (M-05+06) : Chapter-03 (Algebraic Expressions)	Daily Exam (H.M-05+06) MCQ (10×1=10); 10 min
24 April 2024 (Wednesday)	ICT (ICT-07+08) : Chapter-06 (The Use of Database)	Daily Exam (M-05+06) MCQ (10×1=10); 10 min
25 April 2024 (Thursday)	Math (M-07+08) : Chapter-03 (Algebraic Expressions)	Daily Exam (ICT-07+08) MCQ (10×1=10); 10 min
26 April 2024 (Friday)	Chapter wise Exam-23 : Higher Math - Chapter-05 (Equation) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min	

Ramadan Batch Time
➤ **English Version – 10.30am**

Routine – 03 upcoming…

Syllabus – 01

Physics Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter 09 (Refraction of Light)	P-01	Refraction of light, Laws of Refraction, relative and absolute refractive Index
	P-02	Critical angle, Total internal reflection, and mathematical problems
	P-03	Rainbow, Mirage, Uses of reflection, Optical fiber, Periscope and Binocular, Prism
	P-04	Lens, Types of lenses (convex and concave lens), Expressions related to lens, Sign convention for lens
Chapter 13 (Modern Physics and Electronics)	P-23	Radioactivity, Characteristics of Alpha, Beta and Gamma ray, half life
	P-24	Uses of radioactivity, Cautions about radioactivity, Development of electronics, Analog and Digital electronics, Semiconductor
	P-25	Diode, Transistor
	P-26	Working procedure of microphone, Speaker, Radio, Telephone and Fax, Effective use of ICT

Chemistry Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter-11 (Mineral Resources : Fossils)	C-13	Unsaturated Hydrocarbons: Alkene & Alkyne
	C-14	Preparation of alkene & alkyne, Characteristic reactions
	C-15	Alcohol, Aldehyde, preparation of fatty acid, Chemical Properties of fatty acid
	C-16	Alcohol, aldehyde, Characteristic reactions of fatty acid
	C-17	Preparation of alcohol, aldehyde & fatty acid from hydrocarbon
	C-18	Uses of alcohol, aldehyde & fatty acid, polymer, conversion, important reactions
Chapter-12 (Chemistry in Our Lives)	C-19	Domestic Chemistry (Edible salt, baking powder, Vinegar, Soft drinks)
	C-20	Chemistry for Cleanliness (Washing soda, Toilet Cleaner)

Math Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter-03 (Algebraic Expressions)	M-01	Resolving into factors, Techniques for determining factors, work, Exercise-3.3 (1-15)
	M-02	Exercise-3.3 (16-25)
	M-03	Exercise-3.3 (26-31), concept of remainder theorem, concept of factorization theorem, example, exercise
	M-04	Exercise-3.4 （1–16)
	M-05	Forming and applying algebraic formulae in solving real life problems (Related to payable and attainable, time and work, time and distance), Exercise-3.5 (14–19)
	M-06	Forming and applying algebraic formulae in solving real life problems (related to pipe and water tank, profit-loss), Exercise – 3.5 (20-25)
	M-07	Formulation of Algebraic Formulas (Investment-Profit), Exercise-3.5 (26-33)
	M-08	Exercise – 3.5 (34-38)
Chapter-14 (Ratio, Similarity and Symmetry)	M-35	Properties of Ratios and Proportions, Geometric Proportions, Theorems: 28, 29, 30, 31
	M-36	Exercise – 14.1 (1-5)
	M-37	Exercise-14.1 (6-9), Congruence (Equiangular Polygons, Similar Polygons), Theorem: (32-34)
	M-38	Exercise-14.2(5,6,7); Theorem: 35, Concept of Division of Line Segments in Fixed Ratio, Construction- 12
	M-39	Exercise-14.2(8-13)
	M-40	Symmetry, Lines of Symmetry of Regular Polygons, Rotational Symmetry and Line Symmetry, Exercise-14.3
Chapter-15 (Area Related Theorem and Construction)	M-41	Area of a Plane, Theorem-36, 37, 38, Exercise- 15 (1-7)
	M-42	Exercise-15 (8-12)
	M-43	Theorem-39 (Pythagorean Theorem), Construction: 13, 14, 15
	M-44	Exercise 15 (13-18)

ICT Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter 05 (Multimedia and Graphics)	ICT-05	Illustrator, Open Illustrator Program, open File in Illustrator, work Tools, names of the necessary tools of the Toolbox, Filling color on Object, Color, Gradient and 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 and Paste Command
	ICT-06	Layer, creating New Layers, 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 and Reducing Font Size, Increasing or Decreasing Font Size Vertically and Horizontally, Baseline Shift, The Leading, Area Text, Trying in the Pat, Trying outside circular Object, Creating Outline of Letters, Placement of Image in Illustrator
Chapter 06 (The Use of Database)	ICT-07	The concept of Database, Characteristics of Database Program, the concept of Database and Access, Preparation for Starting work in Access Program, Opening Access Program, Creating Database Table, Data Entry, Changing Font size, Correctio of spelling error
	ICT-08	Closing and Opening of a Database File, to open a closed file, inserting new field and column to Table, Delete Field or Column, Deleting Records or Rows

Higher Math Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter-05 (Equation)	H.M-01	(System of quadratic equations with two variables, Example) Exercise-5.4
	H.M-02	(Application of quadratic equations, Example) Exercise-5.5
	H.M-03	(System of indicial equations with two variables, Example) Exercise-5.6
	H.M-04	Solving quadratic equations using graphs, Exercise-5.7 (1-12)
	H.M-05	Exercise-5.7 (13-17)
	H.M-06	Chapter-5 (Re-discussion)
Chapter-08 (Trigonometry)	H.M-15	Trigonometric ratios, Signs of trigonometric ratios in different quadrants, Exercise-8.2 (1-6)
	H.M-16	Exercise-8.2 (7-13), Example, Exercise-8.3 (10, 12)
	H.M-17	Trigonometric ratios of different angles, Exercise-8.3 (7-9)
	H.M-18	Exercise-8.3 (11, 13-16)
Chapter-11 (Coordinate Geometry)	H.M-27	Slopes (Details of +ve and -ve slopes), Exercise-11.3 complete
	H.M-28	Equations of straight lines, graphs (graphs with different equations specially with +ve and -ve slopes), Exercise-11.4 (10-16)
	H.M-29	Exercise-11.4 (17-24)
	H.M-30	Slope, Area, Equation of Straight Line (Review)

Biology Syllabus

Chapter	Lecture	Discussed Topics (Lecture wise)
Chapter-12 (Heredity in Organisms and Evolution)	B-13	DNA test, Determination of human sex
	B-14	Genetic disorder (Color blindness, Thalassemia)
	B-15	Theories of evolution of organisms, Origin of life
	B-16	Theory of Darwin and significance of evolution in surviving of species
Chapter-13 (Environment of life)	B-17	Ecosystem, Components of ecosystem, Ecosystem of a pond
	B-18	Food chain (Predator food chain, Parasitic food chain, Saprophytic food chain), Food web, Nutrition flow in ecosystem, Energy flow in ecosystem
	B-19	Relation of energy between trophic levels, Concept of energy pyramid, Effect of energy pyramid to keep food chain in limit, Biodiversity, Types of biodiversity, Effect of biodiversity on maintenance of stability in an ecosystem
	B-20	Interaction and interdependence among different organisms and balance of environment), Positive interaction, Negative interaction, Significance, and method of conserving environment

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.
▪ Join our Facebook group (Fb.com/groups/ssc.udvashunmesh) to get all information in time.

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Bakshibazar-01713-236712	Khilgaon- 01713-236768	Shantinagar-01713-236857
Malibag-01713-236702	Motijheel-01713-236908	Bashabo-01713-236722
Banasree-01713-236723	Lakshmibazar-01713-236720	Jatrabari-01713-236719
Dania-01713-236718	Savar-01713-236721	Gazipur-01713-236746
Narayanganj-01713-236717	Konapara-01713-236757	Tongi-01713-236759
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Branches outside Dhaka

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Sirajganj-01713-236742	Rangpur-01713-236726	Kurigram-01713-236753	Gaibandha-01713-236755	Syedpur-01713-236741	Bogura-01713-236727
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Satkhira-01713-236750	Barishal-01713-236730	Sylhet-01713-236729	Narshingdi-01713-236738	Brahmanbaria-01713-236743	Comilla-01713-236728
Noakhali-01713-236745	Feni-01713-236744	Gopalganj-01713-236760	Jhenaidah-01713-236761	Munshiganj-01713-236762	Manikganj-01713-236763
Chuadanga-01713-236764	Chandpur-01713-236765	Netrokona-01713-236767	Cox's Bazar-01713-236766	Pirozpur-01713-236790	Rajbari-01713-236786
Habiganj-01713-236773	Shariatpur-01713-236782	Potuakhali-01713-236784	Lalmonirhat-01713-236777	Panchagrah-01713-236778	Narail-01713-236788
Meherpur- 01313-368670	Sunamganj-01713-236779		Moulovibazar-01713-236785	Chottogram (Chawkbazar)-01713-236714	Chottogram (Halishahar)-01713-236758
Mymensingh (K.B)-01713-236769			Rangpur (Khamar Mor)-01713-236783		

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