

🔰 র্রদ্রাম-উন্মেষ Online Care

Class Ten Academic Program - 2025

Syllabus

Serial	Subject	Subject Chapter	
01	Physics	1, 2, 3, 4, 7, 8, 10	34
02	Chemistry	3, 4, 5, 6, 7, 11	34
03	Mathematics	2, 3, 7, 8, 9, 11, 16, 17	52
04	Higher Mathematics	2, 7, 8, 9, 10, 11, 12, 14	42
05	Biology	1, 2, 3, 4, 11, 12, 13	28
06	ІСТ	2, 4, 5, 6	20
		Total Lecture	210

Physics		
Chapter	Lecture	Lecturewise Topics
Chapter-01 (Physical Quantities and Their	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
Measurements)	P-02	Measuring Instruments, Scale or Ruler, Balance, Stop Watch, Vernier Calipers, Screw Gauge, Error and Accuracy
	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
Chapter-02	P-05	Distance and Displacement, Speed and Velocity
(Motion)	P-06	Acceleration and Deceleration or Retardation, Graph Related Problems.
	P-07	Equations of Motion, Laws of Falling Bodies
	P-08	Mathematical problems
	P-09	Inertia and Concept of Force: Newton's First Law, Inertia, Force
	P-10	Nature of Fundamental Force, Gravitational Force, Electromagnetic Force, Weak Nuclear Force or Weak force, Strong Nuclear Force, Balanced and Unbalanced Forces, Momentum
	P-11	Collision, Conservation of Momentum and Energy, Safe Journey: Velocity and Motion
Chaoter-03	P-12	Effect of Force on Motion: Newton's Second Law
(Eorco)	P-13	Effect of Force on Motion: Newton's Second Law & Gravitational Force
(FOICE)	P-14	Mathematical problems
	P-15	Newton's Third Law
	P-16	Frictional Force, Types of Friction (Static Friction, Kinetic Friction, Rolling Friction), Effects of Friction on Motion (Tyre's Surface, Smoothness off road, Controlling Motion and Breaking Force), Increase and Decrease of Friction, Friction: An essential hazard, Mathematical problems
	P-17	Work, Energy
	P-18	Different forms of energy, Kinetic Energy, Potential Energy
Chapter-04 (Work, Power and Energy)	P-19	Sources of Energy, Non-Renewable Energy (Fuel Energy, Nuclear Energy), Renewable Energy (Hydroelectricity, Biomass, Solar energy, Wind energy, Bio fuel, Geothermal energy), Transformation of energy and impact on environment, Conservation and Transformation of Energy, Conservation of energy, Transformation of Energy (Electrical energy, Chemical energy, Heat energy, Mechanical energy, Light energy, Mass)
	P-20	Relation between mass and energy, Mathematical problems
	P-21	Power, Efficiency
	P-22	Mathematical problems

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	P-23	Simple Harmonic Motion
Chapter-07	P-24	Waves, Characteristics of Waves, Types of Waves, Wave related quantities
(Waves and Sound)	P-25	Sound Wave, Characteristics of sound wave, Echo, Variation of Velocity of Sound, Uses of Sound (Three
······		dimensional Seismic Surveys, Ultrasound cleaner)
	P-26	Musical Sound, Sound Pollution
	P-27	Nature of Light, Reflection, Laws of Reflection, Reflection from smooth and rough planes
	P-28	Mirror, Image, Spherical Mirror,
Chapter-08	P-29	Convex Mirror, Image in a Spherical Convex Mirror, Concave Mirror, Image on concave mirror (At a
(Reflection of Light)		distance less than focal length, At a distance greater than focal Length)
	P-30	Magnification, Use of Mirrors, Plane Mirror, Convex Mirror, Concave Mirror, Safe Driving Invisible Curves
		of Hilly Roads
	P-31	Charge, Static Electricity by Friction, Electrical Induction, Electroscope,
Chapter-10	P-32	Electric Force, Electric Field
(Static Electricity)	P-33	Electric Potential, Potential Difference, Capacitor
	0.24	Uses of Static Electricity, Photocopy, Van de Graaff Machine, Fuel Truck, Electronics, Lightning and
	۲-34	Lightning Arrestor, Static Electric Color Spray

Chemistry		
Chapter	Lecture	Lecturewise Topics
	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
Chapter-03	C-04	Orbital Electronic Configuration of Atoms, Concept of Energy Sublevel, The Principles of Electronic Configuration in Atoms, Example
(Structure of Matter)	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
	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
Chapter-04	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)
(Periodic Table)	C-09	The Special Names of Elements Present in Various Groups (Alkali Metals, Alkaline Earth Metals, Coin Metals, Halogen Group, Inert Gas, Transition Elements)
	C-10	Advantages of the Periodic Table, Element in the Same Group in the Periodic Table Show similar Chemical Properties, Lime Water Test
Chapter-05	C-11	Valence Electrons, Valency, Radicals and Their Valencies, Chemical Formula of Compounds, Molecular Formula and Structural Formula, Octet and Duet Rules
(Chemical Bond-	C-12	Inert Gases and their Stability, Chemical Bonds and the Causes of their Formation, Cations and Anions
	C-13	Ionic Bond or Electrovalent Bond, Covalent Bonds, Revision
Partial)	C-14	Characteristics of Ionic and Covalent Bonds (Melting Point and Boiling Point, Solubility, Electrical Conductivity)
	C-15	Mole, Avogadro's number, Molar Volume of Gas, Mole and Molecular Formula
Chapter-06	C-16	Molar Solution & Molarity, Mathematical problems
(Concept of Mole and Chemical Counting)	C-17	The Percentage Composition of Elements in Compounds, Percent Composition and Empirical Formula
	C-18	Determining the Molecular Formula of a Compound from Percent Composition
	C-19	Chemical Reactions and Chemical Equations, Balancing Chemical Equations.
	C-20	Mole and Chemical Equation, Calculation of the Percentage of Yield, Limiting Reactant.

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	C-21	Changes of Matter, Physical Change, Chemical Change, Classification of Chemical Reactions (Direction
		of Reaction, Heat Change and Reactions), Electron Transfer: Redox Reactions
	C-22	Oxidation Number and Determining Oxidation Number, Oxidation-reduction is a simultaneous process
	C-22	Reactions that occur through electron transfer (Addition, Decomposition, Substitution or Displacement
Chapter-07	C-25	and Combustion Reaction)
(Chemical Reactions)	C-24	Non Redox Reaction (Precipitation and Neutralization Reaction), Special Types of Chemical Reactions
	C-24	(Hydrolysis and Hydration Reaction)
	C-25	Special Types of Chemical Reactions, Isomerization and Polymerization, Example of a Few Real Life
	C-25	Chemical Reactions, Ways of Prevention of Some Harmful Reactions, Rate of Reaction
	C-26	Le Chatelier's Principle, Explanation of Le Chatelier's Principle and Effect
	C-27	Hydrocarbon, Aliphatic Hydrocarbon, Aromatic Hydrocarbons
	C-28	Saturated Hydrocarbons (Alkane), Preparation of Alkane & Characteristic Reactions
	C-29	Unsaturated Hydrocarbons: Alkene & Alkyne, Naming of Alkane and Alkyne
Chapter-11	C-30	Preparation of alkene & alkyne and Characteristic reactions
(Mineral Resources :	C-31	Alcohol, Aldehyde, preparation of fatty acid, Chemical Properties of fatty acid
Fossils-Partial)	C-32	Alcohol, aldehyde, Characteristic reactions of fatty acid
	C-33	Preparation of alcohol, aldehyde & fatty acid from hydrocarbon
	C-34	Uses of alcohol, aldehyde & fatty acid, Differences between organic compounds and inorganic
	C-34	compounds.

Mathematics		
Chapter	Lecture	Lecturewise Topics
		Set, Methods for expressing sets, All definitions and examples (Finite Set, Infinite Set, Empty
	M-01	Set, Subset, Proper Subset, Equivalent Set, Difference of Sets, Power Set, Universal Set,
Chapter-02		Complement of a Set, Union of Sets, Intersection of Sets, Disjoint Set), Exercises- 2.1 (1-6)
(Sets and Functions)	M-02	Ordered Pair, Cartesian Product , Venn diagram, Exercises- 2.1 (7-12)
	M-03	Relation, Function, Example
	M-04	Exercises- 2.2
	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)
	M-09	Factorization, Some techniques for determining the Factor, Work, Exercise- 3.3 (1-15)
	M-10	Exercise- 3.3 (16-25)
Chapter-03	M_11	Exercise -3.3 (26-31), Concept of Remainder Theorem, Concept of Factor Theorem, Example,
(Algebraic	141-11	Work
Expressions)	M-12	Exercise -3.4 (1-16)
	M-13	Forming and applying algebraic formulae solving real life problems (Related to Payable or
		Attainable, Related to Time and Work, Related to Time and Distance) affairs, Exercise – 3.5 (14-19)
	M-14	Forming and applying algebraic formulae solving real life problems (Related to pipe and
		water tank, Related to profit and loss) affairs, Exercise – 3.5 (20-25)
	M-15	Algebraic formula formation (Related to investment and profit), Exercise -3.5 (26-33)
	M-16	Exercise – 3.5 (34-38)
	M-17	Construction (1, 2, 3) Exercise -7.1 (1, 2)
Chapter-07	M-18	Exercise – 7.1 (3-7)
(Practical Geometry)	M-19	Construction (4, 5), Example (3, 4), Exercise – 7.2 (1-10)
	M-20	Exercise – 7.2 (11-19)

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	M-21	Circle, Interior and exterior of a circle, Chord and diameter of a circle of -(17, 18, 19) theorem,
		Exercise -8.1 (1-2)
	M-22	Exercise – 8.1 (3-8)
	M-23	Exercise – 8.1 (9-12), Arc, Inscribed angle, Central angle, theorem - 20, 21, 22
	M-24	Exercise – 8.2
	M-25	Inscribed Quadrilaterals related theorem (23, 24), Exercise -8.3 (1, 2)
	M-26	Exercise – 8.3 (3-7)
-	M-27	Secant of a Circle,Tangent, Common tangent, Theorem (25, 26, 27)
	M-28	Exercise – 8.4 (1-6)
-	M-29	Constructions related to Circles (6-11), Exercise – 8.5 (12, 13, 14)
-	M-30	Exercise – 8.5 (9-11, 15-19)
		Naming of sides of a right-angled triangle, Constancy of ratios of the sides of similar right-
	M-31	angled triangles, Trigonometric ratios of an acute angle, Relation among the trigonometric
		ratios, Trigonometric identity
	M-32	Example (1-12), Work, Exercise – 9.1 (1-7 , 19, 20)
Chapter-09	M-33	Exercise – 9.1 (8-16)
	M-34	Exercise – 9.1 (17, 18, 21-25)
-	M 25	Proof of Trigonometric ratio for the angles 0° , 30° , 60° , 45° , 90° , Example (13), Exercise-9.2 (1-
	M-35	17, 22, 27)
-	M-36	Example (14), Exercise -9.2 (18-21, 23-26, 28-32)
	M 27	Ratio and Proportion, Continued proportion, Transformation of ratio, Example (2), Exercise -
	M-27	11.1 (6)
Chapter-11	M-38	Exercise -11.1 (1-5), Example (11), Exercise -11.1 (9, 10)
(Algebraic Ratio and	M-39	Example (3-8), Exercise – 11.1 (7,8)
Proportion)	M-40	Example (9, 10), Exercise – 11.1 (11-20)
-	M-41	Continued Ratio, Proportional Division, Exercise -11.2 (1-14)
-	M-42	Exercise -11.2 (15-25)
	M-43	Proving the area of different types of triangles, Exercise – 16.1 (1-8)
-		Exercise – 16.1 (9,1), Proof of the area of regular polygon, Proof of the area of different types
	M-44	of quadrilaterals region, Exercise – 16.2 (1-6)
Chapter-16	M-45	Exercise – 16.2 (7-16)
(Mensuration)	M 46	Circumference of a circle, Length of arc of a circle, Area of circular segment, Exercise – 16.3
	M-40	{10 (Full), 1-5}
-	M-47	Exercise – 16.3 (4-9), Rectangular solid, Cube, Exercise – 16.4 (8-11)
-	M-48	Exercise – 16.4 (12, 13), Cylinder, Exercise – 16.4 (14-21)
	M 40	Cumulative frequency, Discrete and Continuous variable, Frequency distribution table,
	M-49	Frequency Polygon, Ogive Graph
Chapter-17	M-50	Average determination, Determining the average in a short-cut method, Determination of
(Statistics)		Weighted Average
	M-51	Central tendency, Arithmetic means, Concept of Median, Example, Exercise - 17
	M-52	Concept of Mode, Example, Exercise - 17

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Higher Mathematics		
Chapter	Lecture	Lecturewise Topics
	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)
Chapter-02	HM-03	Work of Page-59, Example- 22, Exercise- 2 (4 of 10), Multiplication and Division of Polynomial, Identity,
(Algebraic		Remainder and Factor Theorems, Converse of Factor Theorem, Work of Page-51,52, Exercise-2 (3-5)
Expression)	HM-04	Exercise-2 (6,7), Corollary-01 of Page-56, Activity (2,3) of Page-57, Example-18, Exercise-2 (8,9), HW:
	HM-05	Exercises-2 (15)
		Exercises-2 (11,14)
Chapter 07	HM-07	Sequences, Page- 148 (Work), Series, Infinite Series, General term, Example, Exercise-7 (1-4, 6, 9, 10)
Chapter-07	HM-08	Proof of the infinite geometric series formula, Example, Page-151 (Work), Exercises -7 (5, 7, 8, 11)
(Infinite Series)	HM-09	Exercise -7 (12, 13, 14)
	HM-10	Exercise-7 (15, 16, 17)
Chaster 00	HM-11	Sign of trigonometric ratios in different quadrants , Trigonometric Ratios
	LIM_12	Exercise -0.2 (1-0) Exercise -8.2 (7-13) Example Exercise -8.2 (10, 12)
(Trigonometry -		Exercise -o.2 $(7-15)$, Exercise -o.5 $(10, 12)$
Partial)		
	HM-14	EXERCISE -8.3 (11, 13-16)
	HM-15	Rational and in ational exponents, Laws of exponents, explanation of the Root { Proof of formula (/)},
	HM-16	Exercise -91 Example (131/115) Work
Chapter-09	HM-17	Exercise -91(1-6.8)
(Exponential and	LIM-19	Example (16.17) Exercise $-0.1(7.0)$
Logarithmic	HM-10	Example (10, 17), Exercise - 5.1 (7, 5)
Function)	нм-20	Example (10-23), 223 pages of work
	1104-21	Exercise -9.2 (1, 2, 3, 4, 3 01 7,0)
		Exercise -9.2 (6, 7, 8 or 7), Example (31, 33), Exercise -9.2 (10, 11, 12)
	HM-22	Logarithm and Absolute Value, Function graph, Exercise -9.2 (8, 9, 13, 14, 15)
Charles 10	HM-23	Binomial expansion of $(1 + y)^n$, use of Pascal's Triangle, Example (1, 2, 3), Exercise – 10.1 (1, 2, 4, 5, 6)
	HM-24	Relation between 'n! and " C_r , Example (4), Exercise - 10.1 (3), Binomial expansion of $(x + y)$ "
(Binomial Expansion)	HM-25	Finding the value of $n!$ and " C_r , Finding the (r+1)" term, Exercise -102 (10-14), HW: Example (10)
	HM-26	Exercise -10.2 (15-19)
	HM-27	Rectangular Cartesian Coordinates, Distance between two points, Example, Exercise – 11.1
	HM-28	Area of triangles, The Formula for Determining the Area of Triangular Region, Example (7-11),
	1100 20	Exercise - 11.2 (1-7)
Chapter-11	HM-29	Exercise - 112 (10) Exercise (12.12)
(Coordinate	HM-30	Exercise - 11.2 (10), Example (12, 13)
Geometry)	HM-31	Gradient or Slope (+ve and -ve slope details), Exercise - 11.3 Full
	HM-32	Equation of Straight Lines, Graph (Graph Various equations, especially with +ve and -ve and slope), Exercise -
	HW-33	Exercise -114 (17-24)
	HM-33	Cradient of Slope, Area Equation of Straight Lippe (Re. discursion)
	FIM-34	Scalar and Vector Quantities, Directed line compate Equivalence of vectors and Opposite vector
		Opposite vector, Addition and Subtraction of vectors, Laws of addition of vectors, Scalar multiple
	HM-35	Distribution laws concerning scalar multiples of vectors, Triangle formula. Parallelogram Formula.
Chapter-12		Example-1, 2
(Planar Vector)	HM-36	Exercise -12 (1-8)
	HM-37	Position Vector, Example- 3, 5, Exercise -12 (10, 12), Example-4
	HM-38	Exercise -12 (9, 11, 13-16)

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	HM-39	Basic Concepts Related to Probability, Determination of Logic-Based Probabilities, Data Based Probability, Example, Work, Exercise -14 (1-6)	
Chapter-14	HM-40	Exercise -14(7-12), Determination of Probability using Sample Space and Probability Tree, Exercise -14 (13, 14)	
(Probability)	HM-41	The concept of exclusionary, non-exclusionary events (When will multiplication/addition occur), Exercise -14 (15-18)	
	HM-42	Chapter Review and Probability related CQ questions	

Chapter	Lecture	Lecturewise Topics
Chapter-01	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)
(Lessons on Life)	B-02	Living World (Margulis + R.H.Whittaker Classification - Fungi, Plantae,Animalia), Different steps of Classification, System of Binomial Nomenclature, Scientific Name
	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 Protoplasm). Plasmalemma
Chapter 02	B-04	Cytoplasmic organelles, Mitochondria, Plastid (Chloroplast, Chromoplast, Leucoplast)
Chapter-02	0.05	Golgi body, Endoplasmic reticulum, Vacuole, Lysosome, Non-membranous cytoplasmic organelles
(Cells and Tissues of	B-05	Nucleus
Organisms)	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
	B-08	Organ and System, Microscope, Electron microscope, Various dirrerences
Chapter-03	B-09	Cell Division and its Classifications, Mitosis, Stages of Mitosis
(Cell Division)	B-10	Significance of mitosis, Meiosis, Significance of Meiosis
		Bioenergetics, The role and Structure of ATP, Photosynthesis, The Process of Photosynthesis (Light
	B-11	dependent phase, Light independent phase or dark phase)
Chapter-04	B-12	Calvin cycle, Hatch and Slack cycle or C4 cycle, Role of Chlorophyll in Photosynthesis, Role of Light in
(Bioenergetics)	0-12	Photosynthesis, Factors affecting photosynthesis, Importance of photosynthesis in living world
(0.00.00.900.00)	B-13	Respiration, Type of respiration, Respiratory Factors (Aerobic respiration)
	B-14	Respiratory Factors (Anaerobic respiration), Factors affecting respiration, Significance of respiration
Chapter-11	B-15	Concept of reproduction in organism and its significance, Plant Reproduction (Reproductive organ: Flower, Different parts of a flower)
(Peoroduction in	B-16	Inflorescence, Pollination, Medium of Pollination
	B-17	Microsporogenesis, Megasporogenesis
organism-Partial)	B-18	Fertilization Development of new sporophyte Origin of fruits
	0.0	Heredity in organism. Components carrying (beredity materials) behavioural features to the offspring
	B-19	from generation to generation, Chromosome, DNA
Chapter-12	B-20	RNA, Gene, DNA replication
(Heredity in	B-21	DNA Test. Determination of human sex
	B-22	Genetic disorder (Colour blind or Colour blindness Thalassemia)
Organisms and		Theories of biological evolution. Origin of life Theory of Darwin or Darwinism (General facts about
Biological Evolution)	B-23	natural events)
Biological Evolution)		Non-Darwinian Evolution , Evidence of biological evolution, Application of the principles of biological
	B-24	evolution
	B-25	Ecosystem, Components of an ecosystem, Ecosystem of a pond
	D 22	Food chain (Predator food chain, Parasitic food chain, Saprophytic food chain), Food web, Nutrient flow
Chapter-13	B-26	in ecosystems and Energy flow in the ecosystem
		Relation of energy between trophic levels, Concept of energy pyramid, Effects of energy pyramid to
(Environment of life)	B-27	keep food chain in limit, Biodiversity, Types of biodiversity, Effect of biodiversity on the maintenance of
		stability in an ecosystem
	B-28	Interaction and interdependence among different organisms and the balance of environment, Positive
		Interactions, Negative Interactions, Significance and method of conserving environment

CLASS 10 ACADEMIC PROGRAM

Chapter	Lecture	Lecturewise Topics
	ICT-01	Computer Maintenance, Importance of Software in the Maintenance of Computer, Installation and Uninstallation of Software, Installation of Software, Deletion of Software
Chapter-02	ICT-02	Information Security and Cyber Risk, Cyber Crime, Hacking, Brute Force Attack, Data Interception, DDoS
(Computer		Attack, Cyber Bullying, Fake News
Maintenance and		The Strategies for Security over the Internet, Two Factor Authentication (2FA), Internet Addiction
Cyber Security)	ICT-03	Disorder (IAD), Addiction to Computer Games, Addiction to Social Networking Site, The Way out of
	-	Addiction
	ICT-04	Some Common Desktop Computer Problems and Solutions
Chapter-04	ICT-05	My Writing on Word Processor
(My Whitings and Accounts)	ICT-06	Spreadsheet and My Accounts Analysis of Spreadsheet
		Concept of Multimedia, Media of Multimedia, Presentation Software, Opening Power Point Programme
	ICT-07	and Creating Slides, Saving Presentation, Adding New Slide, Display Slides in Presentation, Adding or
		Changing Background to the Slides, Insert Picture in Slide, Inserting Transition into Slide, Applying
		Transition Separately in Text, Appling Sound to Transition, Add Video to the Slide
		Graphics (Importance of Graphics, To open Photoshop program, To prepare new file in photoshop
	ICT-08	program), The Toolbox of Photoshop and Palette Distinction, Selection of Tools and Acquaintance of
		Move rools
		Selection of Tools and Move Tools (Re-discussion), Shirting of Selection, Fill Colour in the Floating
		Selection, The use of Feather, Select with Lasso Tool and Polygonal Lasso Tool, Stroke, Saving File, Layer,
	101-09	Preparing Text Layer, Transferring Picture from One file to Apother Fixing Target Layer, Changing the
		Opacity of the Layer Removing Layer Combining or Merging Layers
		Cut Copy Paste and Paste into The Use of Crop Tool Cropping up Tilted Picture Use of Fraser Tool
Chapter-05	ICT-10	Creating Blend with Gradient Tool. To create linear blend with gradient tool. Editing Gradient, Adding
(Multimedia and		and Removing New Color and Color Stops, Adjusting Brightness and Contrast of Picture
Graphics)		Illustrator, Open Illustrator Programme, To Open File in Illustrator, Work Tools, Title Bar, Name of the
		Necessary Tools of the Toolbox, Filling Color on Object, Color, Gradient and None [Color, (,) Gradient (.)
	ICT 11	None (/)], Increasing and Reducing the Size of Object, Changing the Positioning of Page By Hand Tool,
	101-11	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, Paste
		Command
		Layer, Creating New Layer, 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,
	IC1-12	Editing Writing, Selecting Letters, Changing Color of Letters, Deleting Letters, Enlarging or Reducing
		Font Size, increasing of Decreasing Font Size Vertically and Horizontally, Baseline Shirt, The Leading,
		Area Text, Typing in the Path, Typing outside Circular Object, Arranging writing in Open Path, Creating
		Programming in problem solving Programming Language What is machine Code or machine language?
	ICT-13	(Compiler . Interpreter)
	ICT-14	Which Programming Language to Learn? Starting the Journey of Programming in Python:
Chapter-06	ICT-15	To Show Text, Using Variable in the Programme (Variable). Naming the Variables
(Problem Solving		Storing or assigning data to variables, Data Type-(a) int: (b) float: (c) str: (d) bool: Change of Data Type -
through	ICT-16	Type Casting, Taking Data input in a program
Decocommiss	ICT-17	Arithmetic Operation, Operators for comparison and their use
Frogramming)	ICT-18	Using conditions in the Program, ifelse statement. The match Statement
	ICT-10	Repeating the Same Task: Using Loops in Programming for Loop Statement While Loop
	ICT-20	Continue Statement Break Statement
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