

# DAV INSTITUTIONS, WEST BENGAL ZONE

## SPLIT UP SYLLABUS FOR THE SESSION 2023-24

**SUBJECT: ENGLISH**

**CLASS: XII**

MONTH	NO. OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
<b>APRIL</b>	<b>22</b>	<b>Comprehension: Unseen factual passage</b> <b>Writing Skills:</b> Notice writing <b>Literature:</b> <b>Flamingo:</b> Prose: The Last Lesson, Lost Spring Poetry: My Mother at Sixty-six <b>Vistas:</b> The Third Level	<b>Prepare a word bank:</b> Include new words from the text and related words, add synonyms and antonyms. (To be updated after every lesson) <b>Intra class Debate-</b> ‘Education is the only remedy to poverty.’
<b>MAY</b>	<b>12</b>	<b>Comprehension: Unseen literary passage</b> <b>Writing Skills:</b> Application for job <b>Literature:</b> <b>Flamingo:</b> Prose: Deep Water Poetry: Keeping Quiet <b>Vistas:</b> The Tiger King	<b>Group discussion</b> Motivational speech on ‘Fear is a state of mind,’ and other messages from the literature texts.
<b>JUNE</b>	<b>15</b>	<b>Comprehension: Unseen case-based passage</b> <b>Writing Skills:</b> Report writing <b>Literature:</b> <b>Flamingo:</b> Prose: The Rattrap	<b>Newscaster’s special report</b> on ‘Christmas wonder’ based on The Rattrap
<b>PORTION FOR FIRST PERIODIC TEST (PT I-III -XII):</b> <b>*PT I (First week of July)</b>		<ul style="list-style-type: none"> <li>• <b>Comprehension</b></li> <li>• <b>Writing Skills:</b> Notice writing</li> <li>• <b>Literature:</b>  <b>Flamingo:</b> Prose: The Last Lesson,                                          Lost Spring,                                          Deep Water                                          Poetry: My Mother at Sixty-six,                                          Keeping Quiet  <b>Vistas:</b> The Third Level                     </li> </ul>	
<b>JULY</b>	<b>25</b>	<b>Comprehension: Unseen discursive passage</b> <b>Writing Skills:</b> Letter to editor <b>Literature:</b> <b>Flamingo:</b> Prose: Indigo Poetry: A Thing of Beauty  <b>Vistas:</b> Journey to the end of the Earth	<b>Podcast on ‘Antarctica’</b>  <b>Quiz on Literary Devices</b>
<b>AUGUST</b>	<b>25</b>	<b>Comprehension: Unseen case-based passage</b> <b>Writing Skills:</b> Invitation drafting Article writing <b>Literature:</b> <b>Flamingo:</b> Prose: Poets and Pancakes	<b>Match up Game –</b> Match Proverbs / Idioms to situations and themes.

		Poetry: A Roadside Stand <b>Vistas:</b> The Enemy	
<b>PORTION FOR HALF YEARLY EXAMS (III-XII):</b> <b>*HY (Third week of September)</b>		<ul style="list-style-type: none"> <li>• <b>Comprehension</b></li> <li>• <b>Writing Skills:</b> Notice writing, Invitation drafting, Letter to editor, Job Application, Article writing, Report writing.</li> <li>• <b>Literature:</b> <b>Flamingo:</b> Prose: The Last Lesson, Lost Spring, Deep Water, The Rattrap Poetry: My Mother at Sixty -six, Keeping Quiet, A Thing of Beauty <b>Vistas:</b> The Third Level, The Tiger King, Journey to the end of the Earth, The Enemy</li> </ul>	
<b>SEPTEMBER</b>	<b>25</b>	<b>WRITING SKILLS:</b> Reply to invitation <b>LITERATURE:</b> <b>Flamingo:</b> Prose: The Interview Poetry: Aunt Jenifer's Tigers	<b>Mock Interview</b> Conduct survey and write a report.
<b>OCTOBER</b>	<b>16</b>	<b>COMPREHENSION: Unseen literary passage</b> <b>WRITING SKILLS:</b> Revise: Letter writing <b>LITERATURE:</b> <b>Flamingo:</b> Prose: Going Places <b>Vistas:</b> On the Face of It	<b>Panel discussion</b> on teenage fantasy and reality- A teenager, a mother, a psychologist, a teacher etc.
<b>NOVEMBER</b>	<b>22</b>	<b>WRITING SKILLS:</b> Revise: Report writing <b>LITERATURE:</b> <b>Vistas:</b> Memories of Childhood <ul style="list-style-type: none"> <li>• The Cutting of My Long Hair</li> <li>• We Too are Human Beings</li> </ul>	Listening skill exercises
<b>PORTION FOR FIRST PRE-BOARD:</b> <b>*Last week of November/First week of December</b>		<b>Comprehension</b> <b>Writing Skills:</b> Notice writing, Invitations, Job Application, Letter to editor, Report writing, Article writing <b>Literature: Flamingo:</b> Prose: Indigo, Poets and Pancakes, The Interview, Going Places Poetry: A Roadside Stand, Aunt Jennifer's Tigers <b>Vistas:</b> On the Face of It, Memories of Childhood.	
<b>DECEMBER</b>	<b>19</b>	Revision and Sample paper solving	
<b>PORTION FOR SECOND PRE-BOARD (X &amp; XII)</b> <b>** FIRST WEEK OF JANUARY</b>		Full Syllabus	
<b>JANUARY</b>	<b>26</b>	Revision and Sample paper solving	
<b>FEBRUARY</b>	<b>24</b>	Revision and Sample paper solving	

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE.**  
**SPLIT UP SYLLABUS FOR THE SESSION 2023-24**  
**SUBJECT: PHYSICS** **CLASS: XII**

MONTH	NO OF WORKING DAYS	Chapters and Content	Practicals/Activities
APRIL	22	<p><b><u>Chapter-1: Electric Charges and Fields</u></b>            Electric charges, Conservation of charge, Coulomb's law-force between two point charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field lines, electric dipole, electric field due to a dipole, torque on a dipole in uniform electric field. Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside).</p> <p><b><u>Chapter-2: Electrostatic Potential and Capacitance</u></b>            Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two-point charges and of electric dipole in an electrostatic field. Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarization, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor (no derivation, formulae only).</p> <p><b><u>Chapter-3: Current Electricity</u></b>            Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity, temperature dependence of resistance,</p>	<p>1. To determine the resistivity of two/three wires by plotting a graph for potential difference versus current.</p> <p>2. To find the focal length of a convex lens by plotting graphs between <math>u</math> and <math>v</math> or between <math>1/u</math> and <math>1/v</math>.</p>
MAY	12	<p><b><u>Chapter-3: Current Electricity</u></b>            Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's rules, Wheatstone bridge.</p>	<p>3. To find the resistance of a given wire / standard resistor using a meter bridge.</p>

		<p><b><u>Chapter–4: Moving Charges and Magnetism</u></b>  Concept of magnetic field, Oersted's experiment. Biot-Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight solenoid (only qualitative treatment),</p>	
<b>JUNE</b>	<b>15</b>	<p><b><u>Chapter–4: Moving Charges and Magnetism</u></b>  Force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying conductor in a uniform magnetic field, force between two parallel current-carrying conductors-definition of ampere, torque experienced by a current loop in uniform magnetic field; Current loop as a magnetic dipole and its magnetic dipole moment, moving coil galvanometer its current sensitivity and conversion to ammeter and voltmeter.</p> <p><b><u>Chapter–5: Magnetism and Matter</u></b>  Bar magnet, bar magnet as an equivalent solenoid (qualitative treatment only), magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis (qualitative treatment only), torque on a magnetic dipole (bar magnet) in a uniform magnetic field (qualitative treatment only), magnetic field lines. Magnetic properties of materials-Para-, dia- and ferro - magnetic substances with examples, Magnetization of materials, effect of temperature on magnetic properties.</p>	4. To find the refractive index of a liquid using convex lens and plane mirror.
<b>PORTION FOR FIRST PERIODIC TEST **PT I (First week of July)</b>		<p><b>Chapter–1: Electric Charges and Fields</b>  <b>Chapter–2: Electrostatic Potential and Capacitance</b>  <b>Chapter–3: Current Electricity</b></p>	
<b>JULY</b>	<b>25</b>	<p><b><u>Chapter–6: Electromagnetic Induction</u></b>  Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Self and mutual induction.</p> <p><b><u>Chapter–7: Alternating Current</u></b>  Alternating currents, peak and RMS value of alternating current/voltage; reactance and impedance; LCR series circuit (phasors only), resonance, power in AC circuits, power factor, wattless current. AC generator, Transformer.</p> <p><b><u>Chapter–8: Electromagnetic Waves</u></b>  Basic idea of displacement current, Electromagnetic waves, their characteristics, their transverse nature (qualitative idea only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible,</p>	<p>5. To verify the laws of combination(series combination) of resistance using meter bridge.</p> <p>6. To determine refractive index of a glass slab using a travelling microscope.</p>

		ultraviolet, X-rays, gamma rays) including elementary facts about their uses	
<b>AUGUST</b>	<b>25</b>	<p><b><u>Chapter-9: Ray Optics and Optical Instruments</u></b>  Ray Optics: Reflection of light, spherical mirrors, mirror formula, refraction of light, total internal reflection and optical fibers. Refraction at spherical surfaces, lenses, thin lens formula, lens maker's formula, magnification, power of a lens, combination of thin lenses in contact, refraction of light through a prism. Optical instruments: Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.</p> <p><b><u>Chapter-10: Wave Optics</u></b>  Wave optics: Wave front and Huygen's principle, reflection and refraction of plane wave at a plane surface using wave fronts. Proof of laws of reflection and refraction using Huygen's principle.</p>	<p>7. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.</p> <p>8. To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias.</p>
<b>PORTION FOR MID TERM EXAMINATION **MIDTERM EXAM (Third week of September)</b>		<p><b>Chapter-1: Electric Charges and Fields</b>  <b>Chapter-2: Electrostatic Potential and Capacitance</b>  <b>Chapter-3: Current Electricity</b>  <b>Chapter-4: Moving Charges and Magnetism</b>  <b>Chapter-5: Magnetism and Matter</b>  <b>Chapter-6: Electromagnetic Induction</b>  <b>Chapter 7: Alternating currents</b>  <b>Chapter-8: Electromagnetic Waves</b></p>	
<b>SEPTEMBER</b>	<b>25</b>	<p><b><u>Chapter-10: Wave Optics</u></b>  Interference, Young's double slit experiment and expression for fringe width (No derivation final expression only), coherent sources and sustained interference of light, diffraction due to a single slit, width of central maxima (qualitative treatment only).</p>	
<b>OCTOBER</b>	<b>16</b>	<p><b><u>Chapter-11: Dual Nature of Radiation and Matter</u></b>  Dual nature of radiation, Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation-particle nature of light. Experimental study of photoelectric effect Matter waves-wave nature of particles, de-Broglie relation.</p> <p><b><u>Chapter-12: Atoms</u></b>  Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model of hydrogen atom, Expression for radius of nth possible orbit, velocity and energy of electron in his orbit, of hydrogen line spectra (qualitative treatment only)</p>	<p>A1. To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source.</p> <p>A2. To study the variation in potential drop with length of a wire for a steady current.</p> <p>A3. To draw the diagram of a given open circuit</p>

			comprising at least a battery, resistor/rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram.
<b>NOVEMBER</b>	<b>22</b>	<p><b><u>Chapter–13: Nuclei</u></b> Composition and size of nucleus, nuclear force Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number; nuclear fission, nuclear fusion</p> <p><b><u>Chapter–14: Semiconductor -Electronics: Materials, Devices and Simple Circuits</u></b> Energy bands in conductors, semiconductors and insulators (qualitative ideas only) Intrinsic and extrinsic semiconductors- p and n type, p-n junction Semiconductor diode - I-V characteristics in forward and reverse bias, application of junction diode -diode as a rectifier.</p>	<p>A4. To obtain a lens combination with the specified focal length by using two lenses from the given set of lenses.</p> <p>A5. To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items.</p> <p>A6. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.</p>
<b>PORTION FOR FIRST PRE BOARD :</b> <b>**First week of December</b>		<p><b>Chapter–1: Electric Charges and Fields</b> <b>Chapter–2: Electrostatic Potential and Capacitance</b> <b>Chapter–3: Current Electricity</b> <b>Chapter–4: Moving Charges and Magnetism</b> <b>Chapter–5: Magnetism and Matter</b> <b>Chapter–6: Electromagnetic Induction</b> <b>Chapter 7: Alternating currents</b> <b>Chapter–8: Electromagnetic Waves</b> <b>Chapter–9: Ray Optics and Optical Instruments</b> <b>Chapter–10: Wave Optics</b> <b>Chapter–11: Dual Nature of Radiation and Matter</b> <b>Chapter–12: Atoms</b> <b>Chapter–13: Nuclei</b> <b>Chapter–14: Semiconductor -Electronics: Materials, Devices and Simple Circuits</b></p>	
<b>DECEMBER</b>	<b>19</b>	<b>FIRST PRE BOARD</b>	

<b>SECOND PRE-BOARD</b>  <b>** FIRST WEEK</b> <b>OF JANUARY – SECOND</b> <b>PRE BOARD</b>		<b>Chapter–1: Electric Charges and Fields</b> <b>Chapter–2: Electrostatic Potential and Capacitance</b> <b>Chapter–3: Current Electricity</b> <b>Chapter–4: Moving Charges and Magnetism</b> <b>Chapter–5: Magnetism and Matter</b> <b>Chapter–6: Electromagnetic Induction</b> <b>Chapter 7: Alternating currents</b> <b>Chapter–8: Electromagnetic Waves</b> <b>Chapter–9: Ray Optics and Optical Instruments</b> <b>Chapter–10: Wave Optics</b> <b>Chapter–11: Dual Nature of Radiation and Matter</b> <b>Chapter–12: Atoms</b> <b>Chapter–13: Nuclei</b> <b>Chapter–14: Semiconductor -Electronics: Materials, Devices and Simple Circuits</b>	
<b>JANUARY</b>	<b>26</b>	<b>SECOND PRE BOARD</b>	

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE.  
SPLIT UP SYLLABUS FOR THE SESSION 2023-24**

**SUBJECT: \_CHEMISTRY**

**CLASS: XII**

<b>MONTH</b>	<b>NO OF WORKING DAYS</b>	<b>Chapters and Content</b>	<b>Practicals</b>
<b>APRIL</b>	<b>22</b>	<p><b>Unit 1: Solutions</b> Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties - relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.</p> <p><b>Unit 2: Electrochemistry</b> Redox reactions, EMF of a cell, standard electrode potential.</p>	<b>Content Based Experiments</b>
<b>MAY</b>	<b>12</b>	<p><b>Unit 2: Electrochemistry (contd.)</b> Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell-electrolytic cells and Galvanic cells, lead accumulator, fuel cells, corrosion.</p>	<b>Content Based Experiments (Contd.)</b>
<b>JUNE</b>	<b>15</b>	<p><b>Unit 6: Haloalkanes and Haloarenes</b> <b>Haloalkanes:</b> Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions. <b>Haloarenes:</b> Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only).</p>	<p><b>Volumetric Analysis</b> Determination of concentration/ molarity of <math>\text{KMnO}_4</math> solution by titrating it against a standard solution of: a) Oxalic acid b) Ferrous Ammonium</p>

		<p>Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT</p> <p><b>Unit 7: Alcohols, Phenols and Ethers</b>  <b>Alcohols:</b> Nomenclature, methods of preparation.</p>	<p>Sulphate</p> <p>(Students will be required to prepare standard solutions by weighing themselves)</p>
<b>PORTION FOR FIRST PERIODIC TEST (First week of July)</b>		<p><b>Unit 1: Solutions</b>  <b>Unit 2: Electrochemistry</b></p>	
<b>JULY</b>	<b>25</b>	<p><b>Unit 7: Alcohols, Phenols and Ethers (Contd.)</b>  Physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism of dehydration, uses with special reference to methanol and ethanol.</p> <p><b>Phenols:</b> Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols.</p> <p><b>Ethers:</b> Nomenclature, methods of preparation, physical and chemical properties, uses.</p> <p><b>Unit 3: Chemical Kinetics</b>  Rate of a reaction (Average and instantaneous), factors affecting rate of reaction: concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant, integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.</p>	<p><b>Volumetric Analysis (Contd.)</b>  Determination of concentration/ molarity of <math>\text{KMnO}_4</math> solution by titrating it against a standard solution of:</p> <p>a) Oxalic acid  b) Ferrous Ammonium Sulphate</p> <p>(Students will be required to prepare standard solutions by weighing themselves)</p> <p><b>Salt Analysis</b> (Note: Insoluble salts excluded).</p> <p>Qualitative analysis:</p> <p>Cations:</p> <p><math>\text{NH}_4^+</math>, <math>\text{Pb}^{2+}</math>, <math>\text{Cu}^{2+}</math>, <math>\text{Al}^{3+}</math>, <math>\text{Fe}^{3+}</math>, <math>\text{Mn}^{2+}</math>, <math>\text{Zn}^{2+}</math>, <math>\text{Ni}^{2+}</math>, <math>\text{Ca}^{2+}</math>, <math>\text{Sr}^{2+}</math>, <math>\text{Ba}^{2+}</math>, <math>\text{Mg}^{2+}</math>,</p>
<b>AUGUST</b>	<b>25</b>	<b>Unit 8: Aldehydes, Ketones and Carboxylic Acids</b>	<b>Salt Analysis(Contd.)</b>

		<p><b>Aldehydes and Ketones:</b> Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses.</p> <p><b>Carboxylic Acids:</b> Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.</p> <p><b>Unit 9: Amines</b>  <b>Amines:</b> Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines.</p> <p><b>Diazonium salts:</b> Preparation, chemical reactions and importance in synthetic organic chemistry.</p>	<p>Qualitative analysis:</p> <p>Cations:</p> <p><math>\text{NH}_4^+</math>, <math>\text{Pb}^{2+}</math>, <math>\text{Cu}^{2+}</math>,  <math>\text{Al}^{3+}</math>, <math>\text{Fe}^{3+}</math>, <math>\text{Mn}^{2+}</math>,  <math>\text{Zn}^{2+}</math>, <math>\text{Ni}^{2+}</math>, <math>\text{Ca}^{2+}</math>,  <math>\text{Sr}^{2+}</math>, <math>\text{Ba}^{2+}</math>, <math>\text{Mg}^{2+}</math>,</p>
<p><b>PORTION FOR MID TERM EXAMINATION (Third week of September)</b></p>		<p>Unit 1: Solutions  Unit 2: Electrochemistry  Unit 3: Chemical Kinetics  Unit 6: Haloalkanes and Haloarenes  Unit 7: Alcohols, Phenols and Ethers  Unit 8: Aldehydes, Ketones and Carboxylic Acids</p>	
<p><b>SEPTEMBER</b></p>	<p><b>25</b></p>	<p><b>Unit 4: The d- and f- Block Elements</b>  General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first-row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of <math>\text{K}_2\text{Cr}_2\text{O}_7</math> and <math>\text{KMnO}_4</math></p>	<p><b>Salt Analysis (Contd.)</b></p> <p>Qualitative analysis:</p> <p>Anions:</p> <p><math>\text{CO}_3^{2-}</math>, <math>\text{S}^{2-}</math>,  <math>\text{SO}_3^{2-}</math>, <math>\text{SO}_4^{2-}</math>, <math>\text{Cl}^-</math>,  <math>\text{Br}^-</math>, <math>\text{I}^-</math>, <math>\text{PO}_4^{3-}</math>,  <math>\text{CH}_3\text{COO}^-</math>,  <math>\text{NO}_3^-</math></p>

		Revision for Mid Term Examination	
<b>OCTOBER</b>	<b>16</b>	<p><b>Unit 4: The d- and f- Block Elements (Contd.)</b></p> <p>Lanthanoids – Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences. Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids.</p> <p><b>Unit 5: Coordination Compounds</b> Coordination compounds - Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).</p>	Investigatory Project
<b>NOVEMBER</b>	<b>22</b>	<p>Unit 10: Biomolecules</p> <p>Carbohydrates - Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); Importance of carbohydrates.</p> <p>Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only),</p>	Revision of Practicals

		denaturation of proteins; enzymes. Hormones - Elementary idea excluding structure.	
		Vitamins - Classification and functions.	
		Nucleic Acids: DNA and RNA.	
		Revision for Entire syllabus	
<b>PORTION FOR FIRST PRE BOARD: Last week of November /First week of December</b>		<b>FULL SYLLABUS</b>	
<b>DECEMBER</b>	<b>19</b>	Revision from sample papers	
<b>PORTION FOR SECOND PRE-BOARD : ( FIRST WEEK OF JANUARY )</b>		<b>FULL SYLLABUS</b>	
<b>JANUARY</b>	<b>26</b>	Revision from sample papers	

# DAV INSTITUTIONS, WEST BENGAL ZONE

SESSION: 2023–2024

DIVIDED SYLLABUS

SUBJECT: MATHEMATICS (041)

CLASS: XII

MONTH	CHAPTERS TO BE TAUGHT	PRACTICAL WORK
April (19 Days)	Relations and Functions Inverse Trigonometric Functions Continuity and Differentiability	1. To verify that the relation $R$ in the set $L$ of all lines in a plane, defined by $R = \{(l, m) : l \perp m\}$ is symmetric but neither reflexive nor transitive. 2. To verify that the relation $R$ in the set $L$ of all lines in a plane, defined by $R = \{(l, m) : l \parallel m\}$ is an equivalence relation.
May (10 Days)	Continuity and Differentiability(contd..) Derivatives ( <b>Upto second order derivatives</b> )	3. To draw the graph of $\sin^{-1} x$ , using the graph of $\sin x$ and demonstrate the concept of mirror reflection (about the line $y = x$ ).
<b>HOLIDAY HOME WORK (SUMMER BREAK) :</b> Worksheet will be given from the chapters covered.		
June (12 Days)	Applications of Derivatives	4. To find analytically the limit of a function $f(x)$ at $x = c$ and also to check the continuity of the function at that point.
July (21 Days)	Matrices and Determinants Integrals	5. To understand the concepts of local maxima, local minima and point of inflection.

**PORTION FOR PERIODIC TEST-I : ( SECOND WEEK OF JULY )**

- Relations and Functions
- Inverse Trigonometric Functions
- Continuity and Differentiability
- Derivatives
- Applications of Derivatives

**\*\* AS PER CBSE CURRICULUM – 2023-24**

<b>August (20 Days)</b>	Integrals (to be continued) Applications of the Integrals – Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only)	6. To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner.
<b>September (22 Days)</b>	Differential Equations Linear Programming Problems Vectors	7. To verify geometrically that: $\vec{c} \times (\vec{a} + \vec{b}) = \vec{c} \times \vec{a} + \vec{c} \times \vec{b}$

**PORTION FOR MID TERM EXAMINATION: (FIRST WEEK OF SEPTEMBER)**

- Relations and Functions
- Inverse Trigonometric Functions
- Matrices and Determinants
- Continuity and Differentiability
- Derivatives
- Applications of Derivatives
- Integrals
- Applications of the Integrals

**\*\* AS PER CBSE CURRICULUM – 2023-24**

<b>October (11 Days)</b>	Vectors(to be continued) Three - Dimensional Geometry	8. To verify that angle in a semi-circle is a right angle, using vector method.
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November (21 Days)	Probability Revision	<p>9. To measure the shortest distance between two skew lines and verify it analytically.</p> <p>10. To explain the computation of conditional probability of a given event A, when event B has already occurred, through an example of throwing a pair of dice.</p>
December (17 Days)	Revision	
<p><b>PORTION FOR FIRST PRE BOARD : (**Last week of November/First week of December )</b></p> <ul style="list-style-type: none"> <li>➤ Inverse Trigonometric Functions</li> <li>➤ Matrices and Determinants</li> <li>➤ Integrals</li> <li>➤ Applications of the Integrals</li> <li>➤ Differential Equations</li> <li>➤ Vectors &amp; Three – Dimensional Geometry</li> <li>➤ Linear Programming Problems</li> <li>➤ Probability</li> </ul> <p>● AS PER CBSE CURRICULUM – 2023-24</p>		
<p><b>HOLIDAY HOME WORK (WINTER BREAK) :</b> PROBLEM SOLVING FROM LATEST SAMPLE PAPER</p>		
<p><b>PORTION FOR 2<sup>ND</sup> PRE BOARD : (**First week of January-2024 )</b></p> <p><b>FULL SYLLABUS AS PER CBSE CURRICULUM – 2023-24</b></p>		
January (21 Days)	Revision	

# D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

## SPLIT UP SYLLABUS FOR THE SESSION 2023-24

**SUBJECT: BIOLOGY**

**CLASS: XII**

<b>MONTH</b>	<b>Chapters and Content</b>	<b>Practical</b>
<b>APRIL</b>	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-5: Principles of Inheritance and Variation	1. Prepare a temporary mount to observe pollen germination. 2. Pollen germination on stigma through a permanent slide or scanning electron micrograph. 3. Flowers adapted to pollination by different agencies (wind, insects, birds).
<b>MAY</b>	Chapter-5: Principles of Inheritance and Variation( to be continued ) . Chapter-14: Ecosystem Chapter-3: Human Reproduction	4. Mendelian inheritance using seeds of different colour/sizes of any plant. 5. Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.
<b>HOLIDAY HOME WORK ( SUMMER BREAK )</b> : To prepare the investigatory project as per the guidelines .		
<b>JUNE</b>	Chapter-3: Human Reproduction( to be continued) Chapter-4: Reproductive Health	6. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice). 7. Meiosis in onion bud cell or grasshopper testis through permanent slides. 8. T.S. of blastula through permanent slides (Mammalian).
<b>PORTION FOR FIRST PERIODIC TEST(PT I): ( First week of July)</b>	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Chapter-5: Principles of Inheritance and Variation Chapter-14: Ecosystem	
<b>JULY</b>	Chapter 15: Biodiversity and Conservation Chapter-6: Molecular Basis of Inheritance Chapter-7: Evolution	9. Prepare a temporary mount of onion root tip to study mitosis. 10. Flash cards models showing examples of homologous and analogous organs.
<b>AUGUST</b>	Chapter-10: Microbes in Human Welfare Chapter-13: Organisms and Populations	11. Study the plant population density by quadrat method. 12. Study the plant population frequency by quadrat method. 13. Models specimen showing symbiotic association in root modules of leguminous plants, Cuscuta on host, lichens.
<b>PORTION FOR HALF YEARLY EXAMS :</b>	<b>PORTION FOR MID TERM EXAMINATION :</b> Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Chapter-4: Reproductive Health	

<b>*HY ( Third week of September)</b>	Chapter-5: Principles of Inheritance and Variation Chapter-6: Molecular Basis of Inheritance Chapter-7: Evolution Chapter-10: Microbes in Human Welfare Chapter-14: Ecosystem Chapter 15: Biodiversity and Conservation	
<b>SEPTEMBER</b>	Chapter-11: Biotechnology and its Principles <b>Revision for Midterm.</b>	
<b>OCTOBER</b>	Chapter-11: Biotechnology and its Principles Chapter 12: Biotechnology and its Application	14.Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc
<b>NOVEMBER</b>	Chapter-8: Human Health and Diseases.	15.Common disease causing organisms like <i>Ascaris</i> , <i>Entamoeba</i> , <i>Plasmodium</i> , any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause. 16. Controlled pollination - emasculation, tagging and bagging
<b>PORTION FOR PRE BOARD I( Last week of November/First week of December)</b>	Chapter-8: Human Health and Diseases. Chapter-11: Biotechnology and its Principles Chapter 12: Biotechnology and its Application Chapter-13: Organisms and Populations	
<b>DECEMBER</b>	Revision of all chapters from Sample papers .	
<b>JANUARY</b>	Revision for all chapters .	
<b>PORTION FOR PRE BOARD II: Entire syllabus for class XII</b>		

# D.A.V. INSTITUTIONS, WEST BENGAL ZONE

## SPLIT UP SYLLABUS

SESSION 2023-24

SUBJECT: COMPUTER SCIENCE

CLASS: XII

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<b>Revision Python of Class XI.</b>  <b>Computational Thinking and Programming – 2</b> -Revision of Python topics covered in Class XI. <b>Functions-</b> Introduction, types of function (built-in functions, functions defined in module, user defined functions)	Practical on Revision of Python Topics covered in Class XI.
MAY	12	<b>Functions:</b> creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)	Practical on Python using User defined Functions with List, Tuple, Dictionary, Local and Global variables, LEGB Scope
JUNE	15	<b>Exception Handling:</b> Introduction, handling exceptions using try-except-finally blocks  <b>Data Structure:</b> Stack and its Operations using List, Implementation of stack using list. (Infix to Postfix conversion using Stack, Evaluation of Postfix Expression using Stack.)	Practical on exception handling  Practical on Stack Using List in Python
<b>PORTION FOR FIRST PERIODIC TEST (PT I-III - XII):</b> (First week of July)		<ul style="list-style-type: none"><li>• Revision of Python topics covered in Class XI.</li><li>• Python Functions</li><li>• Data Structure</li></ul>	
JULY	25	<b>Data File Handling:</b> Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths. <ul style="list-style-type: none"><li>• Text file Operations</li><li>• Binary file Operations</li><li>• CSV File Operations</li></ul>	Practical on File Operations: Text File, Binary File and CSV File
AUGUST	25	<b>Database Management</b> <ul style="list-style-type: none"><li>• Database concepts,</li><li>• Relational data model</li><li>• Structured Query Language: SQL Queries based on DDL, DML Commands and Aggregate Functions.</li><li>• Structured Query Language: Join Operations</li></ul>	Practical on Database Using MYSQL with Queries.

<b>SEPTEMBER</b>	<b>25</b>	<b>Interface of python with an SQL database</b> Revision for Mid Term Examination.	Practical on MYSQL Queries and Python with MYSQL Connectivity. <b>FINAL PROJECT WORK TO BE GIVEN.</b>
<b>PORTION FOR MID TERM EXAM(XII):</b> (Third week of September)		<ul style="list-style-type: none"> <li>• Revision Python of Class XI</li> <li>• Python Functions</li> <li>• Data File Handling</li> <li>• Database Management and SQL</li> </ul>	
<b>OCTOBER</b>	<b>16</b>	<b>Computer Networks:</b> Evolution of networking, Data communication terminologies, Transmission media, Network topologies and Network types.	Practical: Revision of Data File Handling and SQL Queries,
<b>NOVEMBER</b>	<b>22</b>	<b>Computer Networks:</b> Network devices, Network protocol, Introduction to web services.	Revision
<b>FIRST PRE-BOARD (X &amp; XII):</b> **Last week of November/First week of December		<b>FULL SYLLABUS</b>	
<b>DECEMBER</b>	<b>19</b>	Revision Work	Revision
<b>SECOND PRE-BOARD (X &amp; XII) (FIRST WEEK OF JANUARY )</b>		<b>FULL SYLLABUS</b>	
<b>JANUARY</b>	<b>26</b>	Revision Work	Revision

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE.****SPLIT UP SYLLABUS FOR THE SESSION 2023-24****SUBJECT: ACCOUNTANCY****CLASS: XII**

<b>MONTH</b>	<b>NO OF WORKING DAYS</b>	<b>Chapters and Content</b>	<b>Multiple Assessment/Practical</b>
<b>APRIL</b>	<b>22</b>	Accounting for Partnership Firms: Fundamentals	
<b>MAY</b>	<b>12</b>	Change in Profit Sharing Ratios among the Existing Partners	Comprehensive Project
<b>JUNE</b>	<b>15</b>	Admission of a Partner	
<b>PORTION FOR FIRST PERIODIC TEST: **PT I (First week of July)</b>		1. Accounting for Partnership Firms: Fundamentals 2. Change in Profit Sharing Ratios among the Existing Partners 3. Admission of a Partner	
<b>JULY</b>	<b>25</b>	Retirement of a Partner Death of a Partner Dissolution of Partnership Firm	
<b>AUGUST</b>	<b>25</b>	Accounting for Share Capital Accounting for Debentures	
<b>PORTION FOR HALF YEARLY EXAMS ** HY (Third week of September)</b>		1. Accounting for Partnership Firms: Fundamentals 2. Change in Profit Sharing Ratios among the Existing Partners 3. Admission of a Partner 4. Retirement of a Partner 5. Death of a Partner 6. Dissolution of Partnership Firm 7. Accounting for Share Capital	
<b>SEPTEMBER</b>	<b>25</b>	Accounting for Debentures Financial Statements of a Company	
<b>OCTOBER</b>	<b>16</b>	Comparative statements, Common size statements Accounting Ratios	Specific Project.
<b>NOVEMBER</b>	<b>22</b>	Cash Flow Statement Revision	
<b>PORTION FOR FIRST PRE-BOARD: **Last week of November/First week of December</b>		Full Syllabus.	
<b>DECEMBER</b>	<b>19</b>	Revision of overall syllabus	
<b>PORTION FOR SECOND PRE-BOARD: ** First week of January</b>		Full Syllabus.	
<b>JANUARY</b>	<b>26</b>	Revision of overall syllabus & Board Practical	
<b>FEBRUARY</b>	<b>24</b>	Revision of overall syllabus & Board Practical	

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE.****SPLIT UP SYLLABUS FOR THE SESSION 2023-24****SUBJECT: BUSINESS STUDIES****CLASS: XII**

<b>MONTH</b>	<b>NO OF WORKING DAYS</b>	<b>Chapters and Content</b>	<b>Multiple Assessment/Practical</b>
<b>APRIL</b>	<b>22</b>	UNIT 1 Nature and Significance of Management UNIT 2 Principles of Management	
<b>MAY</b>	<b>12</b>	UNIT 2 Principles of Management UNIT 3 Business Environment	<b>PROJECT TO BE STARTED</b>
<b>JUNE</b>	<b>15</b>	UNIT 4 Planning UNIT 5 Organising	
<b>PORTION FOR FIRST PERIODIC TEST **PT I (First week of July)</b>		UNIT 1 Nature and Significance of Management UNIT 2 Principles of Management UNIT 3 Business Environment UNIT 4 Planning	
<b>JULY</b>	<b>25</b>	UNIT 5 Organising UNIT 6 Staffing UNIT 7 Directing	
<b>AUGUST</b>	<b>25</b>	UNIT 7 Directing UNIT 8 Controlling UNIT 9 Financial Management	
<b>PORTION FOR HALF YEARLY EXAMS: **HY (Third week of September)</b>		UNIT 1 Nature and Significance of Management UNIT 2 Principles of Management UNIT 3 Business Environment UNIT 4 Planning UNIT 5 Organising UNIT 6 Staffing UNIT 7 Directing UNIT 8 Controlling	
<b>SEPTEMBER</b>	<b>25</b>	UNIT 9 Financial Management	
<b>OCTOBER</b>	<b>16</b>	UNIT 10 Financial Market UNIT 11 Marketing Management	<b>PROJECT TO BE COMPLETED</b>
<b>NOVEMBER</b>	<b>22</b>	UNIT 11 Marketing Management UNIT 12 Consumer Protection	
<b>PORTION FOR FIRST PRE-BOARD-XII: **Last week of November/First week of December</b>		<b>FULL SYLLABUS</b>	
<b>DECEMBER</b>	<b>19</b>	Revision of overall syllabus	
<b>PORTION FOR SECOND PRE-BOARD-XII: ** First week of January</b>		<b>FULL SYLLABUS</b>	
<b>JANUARY</b>	<b>26</b>	Revision of overall syllabus & Board Practical	
<b>FEBRUARY</b>	<b>24</b>	Revision of overall syllabus & Board Practical	

# D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: ECONOMICS

CLASS: XII

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<ul style="list-style-type: none"><li>Indian Economy on the eve of independence.</li><li>Basic concepts of Macroeconomics. (Up to circular flow of income)</li></ul>	
MAY	12	<ul style="list-style-type: none"><li>Indian Economy 1950- 1990</li><li>Money and Banking.</li></ul>	
JUNE	15	<ul style="list-style-type: none"><li>Indian Economy 1950- 1990 (to complete)</li><li>Money and Banking (to complete)</li></ul>	Topic for project to be given to students. Students to research and collect materials for the same.
<b>PORTION FOR FIRST PERIODIC TEST (XII): **PT I (First week of July)</b>		<ul style="list-style-type: none"><li>Indian Economy on the eve of independence.</li><li>Basic concepts of Macroeconomics. (Up to circular flow of income)</li><li>Money and Banking.</li></ul>	
JULY	25	<ul style="list-style-type: none"><li>Liberalization, Privatization and Globalization: An appraisal.</li><li>Human Capital Formation (to start).</li><li>National Income and related aggregates.</li><li>Measurements of National Income.</li></ul>	
AUGUST	25	<ul style="list-style-type: none"><li>Human Capital Formation (to complete)</li><li>Rural development</li><li>Government budget and the economy.</li><li>Foreign Exchange</li></ul>	<b>Primary/ Brief Synopsis of Project And Viva</b>
<b>PORTION FOR PERIODIC TEST II/ HALF YEARLY EXAMS (XII): **PT II/HY (Third week of September)</b>		<ul style="list-style-type: none"><li>Indian Economy on the eve of independence.</li><li>Indian Economy 1950- 1990.</li><li>Liberalization, Privatization and Globalization: An appraisal.</li><li>Human Capital Formation</li><li>Basic concepts of Macroeconomics.</li><li>National Income and related aggregates.</li><li>Measurements of National Income.</li><li>Money and Banking.</li><li>Government budget and the economy.</li></ul>	
SEPTEMBER	25	<ul style="list-style-type: none"><li>Employment: Growth, Informalization and other issues</li><li>Balance of payments.</li></ul>	
OCTOBER	16	<ul style="list-style-type: none"><li>Environment and sustainable development.</li><li>Determination of income and employment.</li></ul>	

<b>NOVEMBER</b>	<b>22</b>	<ul style="list-style-type: none"> <li>• Comparative development experience of India and its neighbours.</li> <li>• Determination of income and employment (to complete)</li> </ul>	<b>Complete Project</b>
<b>FIRST PRE BOARD (XII) :</b> <b>**Last week of November/First week of December</b>		<b>Full syllabus</b>	
<b>DECEMBER</b>	<b>19</b>		
<b>SECOND PRE-BOARD (XII)</b> <b>** FIRST WEEK OF JANUARY – SECOND PRE BOARD</b>		<b>Full syllabus</b>	

# DAV INSTITUTIONS, WEST BENGAL ZONE

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: APPLIED MATHEMATICS

CLASS: XII

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<ul style="list-style-type: none"><li>• <b>Unit - 1</b> Numbers, Quantification and Numerical Applications (1.1 , 1.2, 1.4, 1.5, 1.6 )</li><li>• <b>Unit – 2</b> <b>Algebra (2.1 to 2.3 )</b> Matrices, Types of matrices, Equality of matrices, Transpose of a matrix, symmetric and skew symmetric matrices, Operation on matrices (up to matrix multiplication)</li></ul>	
MAY	12	<ul style="list-style-type: none"><li>• <b>Unit – 2 (contd...)</b> <b>Algebra ( 2.4 to 2.6 )</b> Determinant, Inverse of a matrix, Solving system of simultaneous equations using matrix method and Cramer’s rule.</li><li>• <b>Unit – 3</b> <b>Calculus ( 3.1 and 3.2 )</b> Derivatives and its applications (Determine the rate of change of various quantities, Understand the gradient of tangent and normal to a curve at a given point, Write the equation of tangents and normal to a curve at a given point)</li></ul>	<b>PROJECT:</b> Each day the newspaper tells us about the maximum temperature, minimum temperature and humidity. Collect the data for a period of 30 days and represent it graphically. Compare it with the data available for the same time period for the previous year. (To be given to the students)
JUNE	15	<ul style="list-style-type: none"><li>• <b>Unit – 3</b> <b>Calculus ( 3.3 to 3.12 ) - (Contd...)</b> Marginal Cost and Marginal Revenue using Derivatives, Increasing /Decreasing Functions, Maxima and Minima, Indefinite integrals, Definite integrals and area under the curve, Application of integration. Differential Equations and Modeling, Application of differential equations.</li></ul>	<b>PRACTICAL 1:</b> Matrix multiplication and inverse of matrix using spreadsheet.

<b>PORTION FOR FIRST PERIODIC TEST (PT I):</b> <b>** (First week of July)</b>		<ul style="list-style-type: none"> <li>● Unit – 1 : Numbers, Quantification and Numerical Applications (1.1 to 1.6 )</li> <li>● Unit – 2 : Algebra ( 2.1 to 2.6 )</li> <li>● Unit – 3 : Calculus ( 3.1 to 3.5 )</li> </ul>	
<b>JULY</b>	<b>25</b>	<ul style="list-style-type: none"> <li>● <b>Unit – 4</b> Probability Distributions( 4.1 to 4.6)</li> </ul>	<b>PRACTICAL 2:</b> Plot the graphs of functions on excel and study the graph to find out the point of maxima and/ or minima.
<b>AUGUST</b>	<b>25</b>	<ul style="list-style-type: none"> <li>● <b>Unit – 5</b> Inferential Statistics ( 5.1 to 5.3 )</li> </ul>	
<b>MID TERM EXAM :</b>		<ul style="list-style-type: none"> <li>● Unit – 1 Numbers, Quantification and Numerical Applications</li> <li>● Unit – 2 Algebra</li> <li>● Unit – 3 Calculus</li> <li>● Unit – 4 Probability Distributions</li> <li>● Unit – 5 Inferential Statistics</li> </ul> <b>** As per latest CBSE curriculum.</b>	
<b>SEPTEMBER</b>	<b>25</b>	<ul style="list-style-type: none"> <li>● <b>Unit - 6</b> Index number and time based data ( 6.4 to 6.8 )</li> <li>● <b>Unit - 7</b> Financial mathematics ( 7.1 , 7.3, 7.4 , 7.5, 7.7 )</li> </ul>	
<b>OCTOBER</b>	<b>16</b>	<ul style="list-style-type: none"> <li>● <b>Unit - 8</b> Linear Programming ( 8.1 to 8.6 )</li> </ul>	<b>PRACTICAL 3:</b> Collect data from newspapers on traffic, sports activities and market trends and use excel to study future trends.
<b>NOVEMBER</b>	<b>22</b>	Revision	
<b>FIRST PRE BOARD :</b> <b>**Last week of November/First week of December</b>		<ul style="list-style-type: none"> <li>● Unit – 3 Calculus</li> <li>● Unit – 4 Probability Distributions</li> <li>● Unit – 6 Index number and time based data</li> <li>● Unit – 7 Financial mathematics</li> <li>● Unit – 8 Linear Programming</li> </ul>	
<b>DECEMBER</b>	<b>19</b>	<ul style="list-style-type: none"> <li>● Revision</li> </ul>	
<b>SECOND PRE BOARD:</b> <b>** First Week Of January – 2024</b>		<ul style="list-style-type: none"> <li>● FULL SYLLABUS AS PER LATEST CBSE CURRICULUM.</li> </ul>	
<b>JANUARY</b>	<b>26</b>	<ul style="list-style-type: none"> <li>● Revision</li> </ul>	

**NOTE:** For class XII, month wise split up syllabus of activities also need to be incorporated.

# D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: Entrepreneurship

CLASS: XII

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	<b>Unit 1: Entrepreneurial Opportunities.</b> <i>(Sensing Entrepreneurial Opportunities, Environment Scanning, Problem Identification)</i>  <b>Unit 2: Business Planning.</b> <i>(Forms of Business organisation)</i>	
MAY	12	<b>Unit 1: Entrepreneurial Opportunities</b> <i>(Idea fields, Spotting Trends, Creativity and Innovation, Selecting the Right Opportunity)</i> <b>Unit 2: Business Planning</b> <i>(Business Plan: concept, Format and Components)</i>	<b>Market Survey</b> <i>(Product choosing and questionnaire preparation)</i>
JUNE	15	<b>Unit 2: Business Planning</b> <i>(Business Plan: Components to continue with)</i> <b>Unit 3: Enterprise Marketing</b> <i>(Marketing mix, Concepts of Branding packaging, labeling, Logo ad tagline)</i>	
<b>PORTION FOR FIRST PERIODIC TEST (PT I):</b> <b>**PT I (First week of July)</b>		<b>Unit 1: Entrepreneurial Opportunities.</b> <b>Unit 2: Business Planning (till Operational plan)</b>	
JULY	25	<b>Unit 2: Business Planning (To complete)</b> <b>Unit 3: Enterprise Marketing</b> <i>(Price, Place and promotion components of market, Sales strategy.) (To complete)</i>	
AUGUST	25	<b>Unit 4: Enterprise Growth Strategies</b> <i>(Franchising: Concept and types Franchising: Advantages and limitations to franchisor and franchisee.)</i> <b>Unit 5: Business Arithmetic (Unit of</b>	

		<i>Sale, Unit Cost for multiple products or services, Break even Analysis for multiple products or services)</i>	
<b>PORTION FOR PERIODIC TEST II/ HALF YEARLY EXAMS</b> <b>**PT II/HY (Third week of September)</b>		<b>Unit 1: Entrepreneurial Opportunities.</b> <b>Unit 2: Business Planning</b> <b>Unit 3: Enterprise Marketing</b> <b>Unit 4: Enterprise Growth Strategies (up to Franchising)</b>	
<b>SEPTEMBER</b>	<b>25</b>	<b>Unit 4: Enterprise Growth Strategies</b> <i>(Mergers and Acquisition: Concept, reasons and types. Reasons for mergers and acquisitions)</i> <b>Unit 5: Business Arithmetic</b> <i>(Working Capital, Inventory Control)</i>	<b>Business planning idea formation and format preparation</b>
<b>OCTOBER</b>	<b>16</b>	<b>Unit 5: Business Arithmetic</b> <i>(Inventory Control and EOQ)</i>  <b>Unit 6: Resource Mobilization</b> <i>(Capital Market: Concept</i> <input type="checkbox"/> <i>Primary market: Concept, methods of issue)</i>	
<b>NOVEMBER</b>	<b>22</b>	<b>Unit 5: Business Arithmetic</b> <i>(Return on Investment (ROI) and Return on Equity(ROE) )</i>  <b>Unit 6: Resource Mobilization</b> <i>(Angel Investor: Features <input type="checkbox"/> Venture Capital: Features, funding)</i>	<b>Complete presentation of Market survey project file.</b>
<b>PORTION FOR FIRST PRE BOARD:</b> <b>**Last week of November/First week of December</b>		<b>FULL SYLLABUS</b>	
<b>DECEMBER</b>	<b>19</b>	<b>Revision</b>	<b>Complete presentation of Business plan project file.</b>
<b>PORTION FOR SECOND PRE-BOARD</b> <b>** First week of January</b>		<b>FULL SYLLABUS</b>	
<b>JANUARY</b>	<b>26</b>	<b>Revision</b>	
<b>FEBRUARY</b>	<b>24</b>	<b>Revision and CBSE Practical</b>	

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE.****SPLIT UP SYLLABUS FOR THE SESSION 2023-24****SUBJECT: BANKING****CLASS: XII**

<b>MONTH</b>	<b>NO OF WORKING DAYS</b>	<b>Chapters and Content</b>	<b>Multiple Assessment/Practical</b>
<b>APRIL</b>	<b>22</b>	Ancillary services of Banks Innovations in Banking Technology	
<b>MAY</b>	<b>12</b>	Ancillary services of Banks Innovations in Banking Technology Employability skill: Communication Skills	<b>PRACTICAL TO BE STARTED</b>
<b>JUNE</b>	<b>15</b>	Ancillary services of Banks Innovations in Banking Technology Employability skill: Communication Skills	
<b>PORTION FOR FIRST PERIODIC TEST: **PT I(First week of July)</b>		Ancillary services of Banks Innovations in Banking Technology Organizations of Bank Branch Employability skill: Communication Skills	
<b>JULY</b>	<b>25</b>	Organizations of Bank Branch Basic of Business Mathematics Employability skill: Self-Management Skills	
<b>AUGUST</b>	<b>25</b>	Basic of Business Mathematics Reserve Bank of India Regulations of our Banks Employability skill: Self-Management Skills	
<b>PORTION FOR HALF YEARLY EXAMS: **HY (Third week of September)</b>		Ancillary services of Banks Innovations in Banking Technology Organizations of Bank Branch Basic of Business Mathematics Employability skill: Communication Skills ; Self-Management Skills ; Information and Communication Technology Skills	
<b>SEPTEMBER</b>	<b>25</b>	Reserve Bank of India Regulations of our Banks Employability skill: Information and Communication Technology Skills	
<b>OCTOBER</b>	<b>16</b>	Reserve Bank of India Regulations of our Banks Employability skill: Entrepreneurship Skills	
<b>NOVEMBER</b>	<b>22</b>	Proforma of Final Accounts of Banking Companies Employability skill: Green skills	
<b>PORTION FOR FIRST PRE-BOARD: **Last week of November/First week of December</b>		<b>FULL SYLLABUS</b>	
<b>DECEMBER</b>	<b>19</b>	Revision of overall syllabus	<b>COMPLETION OF PROJECT FILE</b>
<b>PORTION FOR FIRST PRE-BOARD: ** First week of January</b>		<b>FULL SYLLABUS</b>	
<b>JANUARY</b>	<b>26</b>	Revision of overall syllabus & Board Practical	
<b>FEBRUARY</b>	<b>24</b>	Revision of overall syllabus & Board Practical	

# D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: GEOGRAPHY

CLASS: XII

MONTH	NO OF WORKING DAYS	Chapters and Content	Practical
APRIL	22	<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 1. Human Geography Nature and Scope Ch 2. The World Population Distribution, Density and Growth <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 1. Population: Distribution, Density, Growth and Composition	Processing of Data and Thematic Mapping
MAY	12	<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 3. Human Development (Contd.) <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 2. Human Settlements	Processing of Data and Thematic Mapping
JUNE	15	<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 3. Human Development (Completion) <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 3. Land Resources and Agriculture (Contd.)	Processing of Data and Thematic Mapping
<b>PORTION FOR FIRST PERIODIC TEST (PT I-III -XII): **PT I (First week of July)</b>		<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 1. Human Geography Nature and Scope Ch 2. The World Population Distribution, Density and Growth Ch 3. Human Development <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 1. Population: Distribution, Density, Growth and Composition Ch 2. Human Settlements	
JULY	25	<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 4. Primary Activities <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 3. Land Resources and Agriculture (Completion) Ch 4. Water Resources	Processing of Data and Thematic Mapping
AUGUST	25	<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 5. Secondary Activities REVISION FOR MID TERM <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 5. Mineral and Energy Resources REVISION FOR MID TERM	Spatial Information Technology
<b>PORTION FOR HALF YEARLY EXAMS (III-XII): **PT II/HY (Third week of September)</b>		<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 1. Human Geography Nature and Scope Ch 2. The World Population Distribution, Density and Growth Ch 3. Human Development Ch 4. Primary Activities Ch 5. Secondary Activities <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 1. Population: Distribution, Density, Growth and Composition Ch 2. Human Settlements Ch 3. Land Resources and Agriculture Ch 4. Water Resources	
SEPTEMBER	25	<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 6. Tertiary and Quaternary Activities <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 6. Planning and Sustainable Development in Indian Context Ch 7. Transport and Communication	Spatial Information Technology
OCTOBER	16	<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 7. Transport and Communication <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 8. International Trade	Spatial Information Technology

<b>NOVEMBER</b>	<b>22</b>	<b><u>FUNDAMENTALS OF HUMAN GEOGRAPHY</u></b> Ch 8. International Trade <b><u>INDIA PEOPLE AND ECONOMY</u></b> Ch 9. Geographical Perspective on Selected Issues and Problems	Spatial Information Technology
<b>FIRST PRE BOARD (X &amp; XII) :</b> <b>**Last week of November/First week of December</b>		<b>FULL SYLLABUS</b>	
<b>DECEMBER</b>	<b>19</b>	<b>REVISION</b>	
<b>SECOND PRE-BOARD (X &amp; XII)</b> <b>** FIRST WEEK OF JANUARY – SECOND PRE-BOARD</b>		<b>FULL SYLLABUS</b>	

# D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

**SUBJECT: POLITICAL SCIENCE**

**CLASS: XII**

**NAME OF TEXT BOOKS:**

**Part A: Contemporary World Politics NCERT updated.**

**Part B: Politics in India since Independence NCERT updated.**

<b>MONTH</b>	<b>NO OF WORKING DAYS</b>	<b>Chapters and Content</b>	<b>Multiple Assessment/Practical</b>
<b>APRIL</b>	<b>22</b>	Part A: 4. United Nations and its Organizations. 3. Contemporary South Asia. (Continued) Part B: 1. Challenges of Nation Building 3. India's Foreign Policy.	<b>Map work. Cartoons. Project topics given.</b>
<b>MAY</b>	<b>12</b>	Part A: 3. Contemporary South Asia (Completed) Part B: 2. Planned Development (Continued)	<b>Map work. Cartoons.</b>
<b>Holiday homework: PROJECT WORK: (Group)</b> Class to be divided into groups of 4/5 students. The Project can be made on the topics given in the syllabus. 10 marks for the project work and 10 marks for viva-voce.			
<b>JUNE</b>	<b>15</b>	Part A: 2. New Centres of Power. (Continued) Part B: 3. Planned Development (Completed)	<b>Map work. Project update. Cartoons</b>
<b>PORTION FOR FIRST PERIODIC TEST (PT I-III -XII): **PT I (First week of July)</b>		Part A: 3. Contemporary South Asia. 4. United Nations and its Organizations. Part B: 1. Challenges of Nation Building. 3. India's Foreign Policy.	
<b>JULY</b>	<b>25</b>	Part A: 2. New Centres of Power. (Completed) 5. Security in Contemporary World. Part B: 4. Parties and Party System in India.	<b>Map work. Project update. Cartoons Peer assessment.</b>
<b>Internal Assessment (III-VIII) SEA (IX-X) Term I ** (First week of August.)</b>			
<b>AUGUST</b>	<b>25</b>	Part A: 1. The End of Bipolarity. Part B: 5. Democratic Resurgence.	<b>The submission of the project. Introduction, Statement of Purpose/Need and objectives of the study.</b>

<b>PORTION FOR HALF YEARLY EXAMS HY (Third week of September)</b>		<b>PORTION FOR HALFYEARLY EXAMINATION:</b> Part A: 1. The End of Bipolarity 2. New Centres of Power 3. Contemporary South Asia 4. United Nations and its Organizations 5. Security in Contemporary World Part B: 1. Challenges of Nation-Building 2. Planned Development 3. India's Foreign Policy 4. Parties and Party System in India 5. Democratic Resurgence	
<b>SEPTEMBER</b>	<b>25</b>	Part A: 6.Environment and Natural Resources.	<b>Revision of Half Yearly Exam</b>
<b>OCTOBER</b>	<b>16</b>	Part A: 7.Globalization. (Continued) Part B: 6.Regional Aspirations.	<b>Map work. Project update. Cartoons</b>
<b>NOVEMBER</b>	<b>22</b>	Part A: 7.Globalization. (Completed) Part B: 7.Indian Politics: Recent Trends and Developments.	<b>Map work. Project update. Cartoons Peer assessment. Revision</b>
<b>PORTION FOR FIRST PRE-BOARD (XII): **Last week of November/First week of December</b>		FULL SYLLABUS AS PER CBSE CURRICULUM	
<b>DECEMBER</b>	<b>19</b>	<b>FIRST PRE-BOARD</b>	<b>Project finalization Mock viva</b>
<b>SECOND PRE-BOARD (XII) FIRST WEEK OF JANUARY – SECOND PREBOARD</b>		FULL SYLLABUS AS PER CBSE CURRICULUM	
<b>JANUARY</b>	<b>26</b>	<b>SECOND PREBOARD</b>	<b>PROJECT SUBMISSION</b>
<b>FEBRUARY</b>	<b>24</b>	<b>BOARD EXAMINATION</b>	

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE.**  
**SPLIT UP SYLLABUS FOR THE SESSION 2023-24**

**SUBJECT: HISTORY**

**CLASS: XII**

<b>MONTH</b>	<b>NO OF WORKING DAYS</b>	<b>Chapters and Content</b>	<b>Multiple Assessment/Practical</b>
<b>March - April</b>	<b>22</b>	<b>Chapter 1: Harappan Civilization Chapter 2: Kings, Farmers and Towns Chapter 3: Kinship, Caste and Class</b>	<b>April -July: Instructions about Project Guidelines, Background reading Discussions on Theme and Selection of the Final Topic, Initiation/ synopsis</b>
<b>MAY</b>	<b>12</b>	<b>Chapter 4: Thinkers, Beliefs and Buildings</b>	-----
<b>JUNE</b>	<b>15</b>	<b>Chapter 5: Through The Eyes of Travellers Revision for PT I</b>	
<b>PORTION FOR FIRST PERIODIC TEST (PT I- III -XII): **PT I (First week of July)</b>		<b>Chapter 1: Bricks, Beads and Bones Chapter 2: Kings, Farmers and Towns Chapter 3: Kinship, Caste and Class</b>	
<b>JULY</b>	<b>25</b>	<b>Chapter 6: Bhakti -Sufi Traditions Chapter 7: Imperial City: Vijaynagar</b>	-----
<b>AUGUST</b>	<b>25</b>	<b>Chapter 8: Peasants, Zamindars and State Chapter 9: Colonialism and Countryside</b>	-----
<b>HALF YEARLY EXAMS (III-XII): **PT II/HY (Third week of September)</b>		<b>Chapter 1: Harappan Civilization Chapter 2: Kings, Farmers and Towns Chapter 3: Kinship, Caste and Class Chapter 4: Thinkers, Beliefs and Buildings Chapter 5: Through The Eyes of Travellers Chapter 6: Bhakti -Sufi Traditions Chapter 7: Imperial City: Vijaynagar</b>	
<b>SEPTEMBER</b>	<b>25</b>	<b>Chapter 10: The Rebel and The Raj (continued)</b>	-----
<b>OCTOBER</b>	<b>16</b>	<b>Chapter 10: The Rebel and The Raj (completed) Chapter 11: Gandhiji and the</b>	<b>August - October: Planning and</b>

		<b>National Movement (continued)</b>	<b>organization: forming an action plan, feasibility, or baseline study, Updating/modifying the action plan, Data collection.</b>
<b>NOVEMBER</b>	<b>22</b>	<b>Chapter 11: Gandhiji and the National Movement (completed) Chapter 11: Framing of the Constitution</b>	-----
<b>FIRST PRE BOARD (X &amp; XII) :</b> <b>**Last week of November/First week of December</b>		<b>Syllabus for 1st Pre-board - Full Syllabus</b>	
<b>DECEMBER</b>	<b>19</b>	<b>Revision for First Pre-Board</b>	-----
<b>SECOND PRE-BOARD (X &amp; XII)</b> <b>** FIRST WEEK OF JANUARY – SECOND PRE BOARD</b>		<b>Syllabus for 2nd Pre-board - Full Syllabus</b>	
<b>JANUARY</b>	<b>26</b>		<b>November - December: Content/data analysis and interpretation. Conclusion, Limitations, Suggestions, Bibliography, Annexures and overall presentation of the project.</b>
<b>FEBRUARY</b>	<b>24</b>		<b>January - February: Final Assessment and VIVA by both Internal and External Examiners</b>

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE.**  
**SPLIT UP SYLLABUS FOR THE SESSION 2023-24**

**CLASS: XII**

**SUBJECT: PSYCHOLOGY**

MONTH	NO. OF WORKING DAYS	CHAPTERS AND CONTENT	PRACTICAL
APRIL	22	Chapter-1: Variations in Psychological Attributes	Assessment of Intelligence
MAY	12	Chapter-2: Self and Personality (Continued....)	Assessment of Personality
JUNE	15	Chapter-2: Self and Personality	
<b>PORTION FOR FIRST PERIODIC TEST (PT-I): (First week of July)</b>		<b>Chapter-1: Variations in Psychological Attributes Chapter-2: Self and Personality</b>	
JULY	25	Chapter-3: Meeting Life Challenges	Assessment of Stress
AUGUST	25	Chapter-4: Psychological Disorders	<b>Case Study</b>
<b>PORTION FOR HALF YEARLY EXAMS: (Third week of September)</b>		<b>Chapter-1: Variations in Psychological Attributes Chapter-2: Self and Personality Chapter-3: Meeting Life Challenges Chapter-4: Psychological Disorders</b>	
SEPTEMBER	25	Chapter-5: Therapeutic Approaches	Assessment of Anxiety/Depression
OCTOBER	16	Chapter-6: Attitude and Social Cognition	Assessment of Attitude
NOVEMBER	22	Chapter-7: Social Influences and Group processes (Revision)	
<b>PORTION FOR PRE-BOARD: (Last week of November/First week of December)</b>		<b>Full Syllabus As mentioned in CBSE Curriculum</b>	
DECEMBER	19		
<b>PORTION FOR PRE-BOARD-II: First week of January</b>		<b>Full Syllabus As mentioned in CBSE Curriculum</b>	
JANUARY	26		
FEBRUARY	24		

**NOTE:** For classes XI and XII, month wise split up of practical also need to be incorporated.

# D.A.V.INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: SOCIOLOGY

CLASS: XII

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	Book-1 (Indian Society) Chapter 2- The Demographic Structure of the Indian Society Chapter 3- Social Institutions: Continuity and Change	Introduction, Statement of Purpose/Need and objectives of the study, Hypothesis/Research Question, Review of Literature, Presentation of Evidence, Methodology, Questionnaire, Data Collection.
MAY	12	Book-1 (Indian Society) Chapter 5 -Patterns of Social Inequality and Exclusion	do
JUNE	15	Book-1 (Indian Society) – Chapter-6 The Challenges of Cultural Diversity	do
<b>PORTION FOR FIRST PERIODIC TEST (PT I): **PT I (First week of July)</b>		Chapter 2 and 3	
JULY	25	Book-2- (Social Change and Development in India)- Chapter-1- Structural Change	Significance and relevance of the topic; challenges encountered while conducting the research.
<b>PORTION FOR MID TERM</b>		Book-1 (Indian Society)- Chapters 2,3,5,6	
AUGUST	25	Book-2- (Social Change and Development in India)- Chapter-2- Cultural Change and Revision of Half Yearly Examination portion	do
SEPTEMBER	25	Book-2- (Social Change and Development in India)- Chapter 4- Change and Development in Rural Society and Chapter 5- Change and Development in Industrial Society	do
OCTOBER	16	Book-2- (Social Change and Development in India)  Chapter 8 - Social Movements	Content analysis and its relevance in the current scenario
NOVEMBER	22	Revision of Pre Board 1	Conclusion, Limitations, Bibliography, Annexures and Overall Presentation.(...to be continued )
<b>PORTION FOR THIRD PERIODIC TEST / FIRST PRE BOARD **Last week of November/First week of December</b>		Book-1 (Indian Society) – Chapters 2,3,5,6  Book-2- (Social Change and Development in India)-Chapters 1,2,4	

<b>DECEMBER</b>	<b>19</b>	Revision of whole syllabus (Pre Board 2) , to finalize the project and solving sample papers.	Conclusion, Limitations, Bibliography, Annexures and Overall Presentation.
<b>SECOND PRE-BOARD ** First week of January</b>		<b>Full syllabus as prescribed by Board</b>	
<b>JANUARY</b>	<b>26</b>	<b>Clearing Doubts on concerned topics</b>	
<b>FEBRUARY</b>	<b>24</b>		

**D.A.V. PUBLIC/MODEL SCHOOLS, WEST BENGAL ZONE****SESSION: 2023–2024****DIVIDED SYLLABUS****CLASS: XII****SUBJECT: PHYSICAL EDUCATION (048)**

MONTH	CHAPTERS TO BE TAUGHT	PRACTICAL WORK
<b>April (19 Days)</b>	<b>Unit I-</b> Management of Sporting Events <b>Unit II-</b> Children & Women in Sports	1. Anyone IOA recognised Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills.
<b>May (10 Days)</b>	<b>Unit III-</b> Yoga as Preventive measure for Lifestyle Disease	
<b>HOLIDAY HOME WORK (SUMMER BREAK) :</b> - Anyone IOA recognised Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills.		
<b>June (12 Days)</b>	<b>Unit III-</b> Yoga as Preventive measure for Lifestyle Disease (Remaining Part) <b>Unit IV-</b> Physical Education & Sports for CWSN (Children with Special Needs - Divyang)	2. Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease
<b>July (21 Days)</b>	<b>Unit V-</b> Sports & Nutrition <b>Unit VI-</b> Test & Measurement in Sports	
<b>PORTION FOR PERIODIC TEST-I : ( FIRST WEEK OF JULY )</b> 1. <b>Unit I</b> Management of Sporting Events 2. <b>Unit II</b> Children & Women in Sports.		
<b>August (20 Days)</b>	<b>Unit VI-</b> Test & Measurement in Sports (Remaining Part) <b>Unit VII-</b> Physiology & Injuries in Sports	
<b>September (22 Days)</b>	<b>Unit VII-</b> Physiology & Injuries in Sports (Remaining Part) <b>REVISION (UNIT-1 TO UNIT-5)</b>	
<b>PORTION FOR HALFYEARLY EXAMINATION: (THIRD WEEK OF SEPTEMBER)</b> 1. <b>Unit I</b> Management of Sporting Events 2. <b>Unit II</b> Children & Women in Sports 3. <b>Unit III</b> Yoga as Preventive measure for Lifestyle Disease 4. <b>Unit IV</b> Physical Education & Sports for CWSN (Children with Special Needs - Divyang) 5. <b>Unit V</b> Sports & Nutrition		

<b>October (11 Days)</b>	<b>Unit VIII- Biomechanics &amp; Sports</b>	Fitness tests administration. (SAI Khelo India Test)
<b>November (21 Days)</b>	<b>Unit IX- Psychology &amp; Sports</b> <b>Unit X- Training in Sports</b>	
<b>December (17 Days)</b>	<b>Unit X Training in Sports (Remaining Part)</b> <b>Revision (UNIT-1 TO UNIT-10)</b>	
<b>PORTION FOR PRE BOARD-I : ( LAST WEEK OF NOVEMBER/FIRST WEEK OF DECEMBER )</b>		
<b>FULL SYLLABUS AS PER CBSE CURRICULUM – 2023-24</b>		
<b>January (21 Days)</b>	<b>Revision (UNIT-1 TO UNIT-10)</b>	
<b>PORTION FOR PRE BOARD-II : (FIRST WEEK OF JANUARY)</b>		
<b>FULL SYLLABUS AS PER CBSE CURRICULUM – 2023-24</b>		

**D.A.V. INSTITUTIONS, WEST BENGAL ZONE.****SPLIT UP SYLLABUS FOR THE SESSION 2023-24****SUBJECT: COST ACCOUNTING****CLASS: XII**

<b>MONTH</b>	<b>NO OF WORKING DAYS</b>	<b>Chapters and Content</b>	<b>Multiple Assessment/Practical</b>
<b>APRIL</b>	<b>22</b>	Unit 1: Single or Output Costing	
<b>MAY</b>	<b>12</b>	Unit 1: Single or Output Costing Unit 2: Job Costing and Batch Costing Employability skill: Communication Skills	<b>PRACTICAL TO BE STARTED</b>
<b>JUNE</b>	<b>15</b>	Unit 2: Job Costing and Batch Costing Unit 3: Contract Costing Employability skill: Communication Skills	
<b>PORTION FOR FIRST PERIODIC TEST: **PT I (First week of July)</b>		Unit 1: Single or Output Costing Unit 2: Job Costing and Batch Costing Employability skill: Communication Skills	
<b>JULY</b>	<b>25</b>	Unit 3: Contract Costing Unit 4: Process Costing Employability skill: Self-Management Skills	
<b>AUGUST</b>	<b>25</b>	Unit 4: Process Costing Unit 5: Operating Costing or Service Costing Employability skill: Self-Management Skills	
<b>PORTION FOR HALF YEARLY EXAMS: **PT II/HY (Third week of September)</b>		Unit 1: Single or Output Costing Unit 2: Job Costing and Batch Costing Unit 3: Contract Costing Unit 4: Process Costing Employability skill: Communication Skills; Employability skill: Self-Management Skills	
<b>SEPTEMBER</b>	<b>25</b>	Unit 4: Process Costing Unit 5: Operating Costing or Service Costing Employability skill: Information and Communication Technology Skills	
<b>OCTOBER</b>	<b>16</b>	Unit 6: Reconciliation of Cost and Financial Accounts Employability skill: Entrepreneurship Skills	
<b>NOVEMBER</b>	<b>22</b>	Unit 6: Reconciliation of Cost and Financial Accounts Employability skill: Green skills	
<b>PORTION FOR FIRST PRE-BOARD: **Last week of November/First week of December</b>		<b>FULL SYLLABUS</b>	
<b>DECEMBER</b>	<b>19</b>	Revision of overall syllabus	<b>COMPLETION OF PROJECT FILE</b>
<b>PORTION FOR SECOND PRE-BOARD: ** First week of January</b>		<b>FULL SYLLABUS</b>	
<b>JANUARY</b>	<b>26</b>	Revision of overall syllabus & Board practical	
<b>FEBRUARY</b>	<b>24</b>	Revision of overall syllabus & Board practical	

# D.A.V. INSTITUTIONS, WEST BENGAL ZONE.

SPLIT UP SYLLABUS FOR THE SESSION 2023-24

SUBJECT: PAINTING

CLASS: XII

MONTH	NO OF WORKING DAYS	Chapters and Content	Multiple Assessment/Practical
APRIL	22	UNIT 1 (a) : RAJASTHANI SCHOOL OF MINIATURE PAINTING	UNIT 1 : NATURE STUDY MEDIUM : ANY MEDIUM OF COLOUR
MAY	12	UNIT 1 (b) : PAHARI SCHOOL OF MINIATURE PAINTING	UNIT 1 : OBJECT STUDY MEDIUM : ANY MEDIUM OF COLOUR
JUNE	15	UNIT 2 (a) : MUGHAL SCHOOL OF MINIATURE PAINTING	UNIT 2 : PAINTING COMPOSITION - IMAGINATIVE PAINTING BASED ON SUBJECTS FROM LIFE AND NATURE. MEDIUM: ANY MEDIUM OF COLOUR
<b>PORTION FOR FIRST PERIODIC TEST (PT I-III -XII):</b> <b>**PT I (First week of July)</b>		<b>THEORY:</b> UNIT 1 (a) : RAJASTHANI SCHOOL OF MINIATURE PAINTING UNIT 1 (b) : PAHARI SCHOOL OF MINIATURE PAINTING <b>PRACTICAL:</b> UNIT 1 : OBJECT STUDY MEDIUM : ANY MEDIUM OF COLOUR	
JULY	25	UNIT 2 (a) : MUGHAL SCHOOL OF MINIATURE PAINTING UNIT 2 (b) : DECCAN SCHOOL OF MINIATURE PAINTING	UNIT 2: PAINTING COMPOSITION - IMAGINATIVE PAINTING BASED ON SUBJECTS FROM LIFE AND NATURE. MEDIUM: ANY MEDIUM OF COLOUR.
AUGUST	25	UNIT 3 (a) i) : NATIONAL FLAG OF INDIA AND THE SYMBOLIC SIGNIFICANCE OF ITS FORMS AND THE COLOURS.  UNIT 3 (a) ii) : THE BENGAL SCHOOL OF PAINTING	UNIT 2: CREATIVE AND MODERN PAINTING IN MIXED MEDIA.
<b>HALF YEARLY EXAMS (III-XII):</b> <b>**PT II/HY (Third week of September)</b>		<b>THEORY:</b> UNIT 2 (a) : MUGHAL SCHOOL OF MINIATURE PAINTING UNIT 2 (b) : DECCAN SCHOOL OF MINIATURE PAINTING UNIT 3 (a) i) : NATIONAL FLAG OF INDIA AND THE SYMBOLIC SIGNIFICANCE OF ITS FORMS AND THE COLOURS.	

		<b>PRACTICAL:</b> UNIT 1 : OBJECT STUDY MEDIUM : ANY MEDIUM OF COLOUR UNIT 2: PAINTING COMPOSITION - IMAGINATIVE PAINTING BASED ON SUBJECTS FROM LIFE AND NATURE. MEDIUM: ANY MEDIUM OF COLOUR.	
<b>SEPTEMBER</b>	<b>25</b>	UNIT 3 (a) ii) : THE BENGAL SCHOOL OF PAINTING UNIT 3 (a) iii) : CONTRIBUTION OF INDIAN ARTISTS IN THE STRUGGLE FOR NATIONAL FREEDOM MOVEMENT.	UNIT 3 : INDIAN FOLK PAINTING IN ANY MEDIUM
<b>OCTOBER</b>	<b>16</b>	UNIT 3 (b) i) : THE MODERN TRENDS IN INDIAN ART (PAINTINGS)	UNIT 3 : PREPARATION OF PORTFOLIO
<b>NOVEMBER</b>	<b>22</b>	UNIT 3 (b) ii) & iii) : THE MODERN TRENDS IN INDIAN ART (GRAPHIC-PRINTS & SCULPTURES)	UNIT 3 : PREPARATION OF PORTFOLIO
<b>FIRST PRE BOARD (X &amp; XII) :</b> <b>**Last week of November/First week of December</b>		<b>THEORY:</b> UNIT 1 (a) : RAJASTHANI SCHOOL OF MINIATURE PAINTING UNIT 1 (b) : PAHARI SCHOOL OF MINIATURE PAINTING UNIT 2 (a) : MUGHAL SCHOOL OF MINIATURE PAINTING UNIT 2 (b) : DECCAN SCHOOL OF MINIATURE PAINTING UNIT 3 (a) ii) : THE BENGAL SCHOOL OF PAINTING UNIT 3 (a) iii) : CONTRIBUTION OF INDIAN ARTISTS IN THE STRUGGLE FOR NATIONAL FREEDOM MOVEMENT. UNIT 3 (b) i) ii) & iii) : THE MODERN TRENDS IN INDIAN ART (PAINTING, GRAPHIC-PRINTS & SCULPTURES) <b>PRACTICAL:</b> UNIT 1 : OBJECT STUDY MEDIUM : ANY MEDIUM OF COLOUR. UNIT 2 : PAINTING COMPOSITION - IMAGINATIVE PAINTING BASED ON SUBJECTS FROM LIFE AND NATURE. MEDIUM: ANY MEDIUM OF COLOUR. UNIT 3 : PORTFOLIO ASSESSMENT.	
<b>DECEMBER</b>	<b>19</b>	REVISION	REVISION
<b>SECOND PRE-BOARD (X &amp; XII)</b> <b>** FIRST WEEK OF JANUARY – SECOND PRE BOARD</b>		FULL SYLLABUS ( THEORY AND PRACTICAL)	
<b>JANUARY</b>	<b>26</b>	_____	_____
<b>FEBRUARY</b>	<b>24</b>	_____	_____