



**SYLLABUS FOR THE SESSION 2026-2027**  
**ENGLISH CORE (301)**  
**CLASS XII**

<b>MONTH</b>	<b>FLAMINGO</b>	<b>VISTAS</b>	<b>WRITING SKILLS</b>
<b>April</b> <b>(15 Days)</b>	<b>The Last Lesson</b> (summary speaking exercise)  <b>My Mother at Sixty-Six</b> (poem explanation, and presentation by the students)	<b>The Third Level</b> (discussion and summary speaking by the students)	<b>Notice Writing</b>
<b>May</b> <b>(15 Days)</b>	<b>Lost Spring</b> (chapter discussion about People in Slums, listening audio and watching video)  <b>Keeping Quiet</b> (poem discussion and presentation by the children)	<b>Tiger King</b> (Chapter explanation and group discussion)	<b>Formal/Informal Invitation and reply</b>
<b>June</b>	<b>SUMMER BREAK : PROJECT WORK</b>		
<b>July</b> <b>(21 Days)</b>	<b>Deep Water</b> (chapter explanation and quiz)  <b>The Rattrap</b> (chapter discussion and speaking exercise)	<b>Journey to the End of the Earth</b>  <b>The Enemy</b>	<b>Letter to Editor</b>
<b>August</b> <b>(20 Days)</b>	<b>A Thing of Beauty</b> (poem explanation, and presentation by the students)  <b>Indigo –chapter</b> (chapter explanation and presentation of the chapter by students)  <b>A Roadside Stand</b> (poem explanation, and presentation by the students)	<b>On the Face of It (Dramatization)</b> (chapter explanation and presentation of the chapter by students)	<b>Letter: Application for a job with bio data</b>
<b>September</b> <b>(20 Days)</b>	<b>Poets and Pancakes</b> (chapter explanation and debate on communism, its impact)  <b>The Interview</b> (discussion of the chapter and group discussion)	<b>Memories of Childhood</b> - Cutting of My Long Hair - We Too Are Human beings (speaking exercises)	<b>Report Writing</b>  <b>Article Writing</b>
<b>October</b> <b>(10 Days)</b> + <b>(5 Days)</b>	<b>Going Places- chapter</b> (discussion and Role play)  <b>Aunt Jennifer's Tigers</b> (Explanation of the poem and presentation by the students)		<b>ASL : Viva-voce</b>
	<b>1<sup>st</sup> PRE-BOARD</b>		
<b>December</b>	<b>2<sup>nd</sup> PRE-BOARD</b>		



## SYLLABUS BREAK -UP [PHYSICS]

CLASS: XII [SESSION 2026-27]

BOOK: PHYSICS [NCERT]

S.No	CHAPTER	SUB TOPICS	PERIODS
<b>7 April 2025 to 26 May 2025</b>			
	<b>Unit I: Electrostatics</b> <b>Chapter–1: Electric Charges and Fields</b>	Electric charges, Conservation of charge, Coulomb's law-force between two- point charges, forces between multiple charges; superposition principle and continuous charge distribution	<b>5</b>
		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	<b>5</b>
		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).	<b>3</b>
	<b>Chapter–2: Electrostatic Potential and Capacitance</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	<b>4</b>
		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).	<b>6</b>
	<b>Unit VI: Optics</b> <b>Chapter–9: Ray Optics and Optical Instruments</b>	Ray Optics: Reflection of light, spherical mirrors, mirror formula	<b>3</b>
		Refraction of light, total internal reflection and optical fibers	<b>3</b>
		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	<b>3</b>
		Optical instruments: Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.	<b>4</b>
	<b>Chapter–10: Wave Optics</b>	Wave optics: Wave front and Huygen's principle, reflection and refraction of plane wave at a plane surface using wave fronts.	<b>3</b>

	Proof of laws of reflection and refraction using Huygen's principle	
	Interference, Young's double slit experiment and expression for fringe width (No derivation final expression only), coherent sources and sustained interference of light,	<b>3</b>
	Diffraction due to a single slit, width of central maxima (qualitative treatment only).	<b>3</b>
<b>1 July 2025 to 15 Oct 2025</b>		
<b>Unit II: Current Electricity</b> <b>Chapter-3: Current Electricity</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	<b>5</b>
	Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchoff's rules, Wheatstone bridge.	<b>5</b>
<b>CYCLE TEST II</b> <b>Chapter 2: Capacitance</b> <b>Chapter-3: Current Electricity</b> <b>Chapter-9: Ray Optics – Dispersion and Optical Instruments</b> <b>Chapter -10: Wave Optics</b>		
<b>Unit III: Magnetic Effects of Current and Magnetism</b> <b>Chapter-4: Moving Charges and Magnetism</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),	<b>5</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	<b>4</b>
	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	<b>3</b>
<b>Chapter-5: Magnetism and Matter</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	<b>3</b>

	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	<b>2</b>
<b>Unit IV: Electromagnetic Induction and Alternating Currents</b>	Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Self and mutual induction.	<b>4</b>
<b>Chapter–6: Electromagnetic Induction</b>	Alternating currents, peak and RMS value of alternating current/voltage; reactance and impedance;	<b>3</b>
<b>Chapter–7: Alternating Current</b>	LCR series circuit (phasors only), resonance, power in AC circuits, power factor, wattless current. AC generator, Transformer.	<b>3</b>
<b>Unit V: Electromagnetic waves</b>	Basic idea of displacement current, Electromagnetic waves, their characteristics, their transverse nature (qualitative idea only).	<b>2</b>
<b>Chapter–8: Electromagnetic Waves</b>	Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.	<b>1</b>
<b>Unit VII: Dual Nature of Radiation and Matter</b>	Dual nature of radiation, Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation-particle nature of light.	<b>3</b>
<b>Chapter–11: Dual Nature of Radiation and Matter</b>	Experimental study of photoelectric effect	<b>2</b>
	Matter waves-wave nature of particles, de-Broglie relation.	<b>2</b>
<b>Unit VIII: Atoms and Nuclei</b>	Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model of hydrogen atom,	<b>2</b>
<b>Chapter–12: Atoms</b>	Expression for radius of nth possible orbit, velocity and energy of electron in nth orbit, hydrogen line spectra (qualitative treatment only).	<b>2</b>
<b>Chapter–13: Nuclei</b>	Composition and size of nucleus, nuclear force	<b>2</b>
	Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number;	<b>3</b>
	nuclear fission, nuclear fusion	<b>2</b>
<b>Unit IX: Electronic Devices</b>	Energy bands in conductors, semiconductors and insulators (qualitative ideas only)	<b>3</b>
<b>Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits</b>	Intrinsic and extrinsic semiconductors- p and n type, p-n junction	
	Semiconductor diode - I-V characteristics in forward and reverse bias	<b>3</b>
	Application of junction diode -diode as a rectifier.	<b>2</b>
<b>EXTRA CLASSES MAY BE CONDUCTED AS PER REQUIREMENT.</b>		
<b>PREBOARD EXAMINATION-COMPLETE SYLLABUS</b>		

## **EXPERIMENTS**

### **SECTION–A**

1. To determine resistivity of a given wire by plotting a graph for potential difference versus current.
2. To determine values of unknown resistance using meter bridge.
3. To verify the laws of combination (series) of resistances using a metre bridge.
4. To determine the resistance of a galvanometer by half deflection method.
5. To find the frequency of AC mains with a sonometer.

### **SECTION-B**

1. To find the focal length of a convex lens by plotting graphs between  $u$  and  $v$ .
2. To determine the focal length of a convex mirror using convex lens.
3. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.
4. To find refractive index of a liquid by using convex lens and plane mirror.
5. To draw the I-V characteristic curve for a p-n junction in forward bias and reverse bias.

## **ACTIVITIES**

1. To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source.
2. To assemble the components of a given electrical circuit
3. To draw the diagram of a given open circuit 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.
4. To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items.
5. To observe diffraction of light due to a thin slit.
6. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.



**CHEMISTRY SYLLABUS MICRO SPLIT – UP (CHAPTERWISE)**  
**Session (2026-27)**  
**Class XII**

S. No.	Name of Chapter	Sub Topics	Period Required
1.	SOLUTION  (Total period required – 12)  (7 <sup>th</sup> April to 25 <sup>th</sup> April)	* Types of solutions; Expression of concentration of solution of solids in liquids	2
		* Solubility of gases in liquids, solid solutions, Henry's Law	2
		* Raoult's Law and ideal and non-ideal Solution	2
		* Colligative properties and Numericals	4
		* Abnormal molecular masses and Van't Hoff factor and Numericals	2
2.	ELECTROCHEMISTRY  (Total period required – 13)  (26 <sup>th</sup> April to 15 <sup>th</sup> May)	* Redox reactions, EMF of a cell, standard electrode potential	2
		* Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell	3
		* Conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration	2
		* Kohlrausch's Law	1
		* Electrolysis and law of electrolysis (elementary idea)	2
		* Dry cell-electrolytic cells and Galvanic cells, lead accumulator	2
		* Fuel cells; Corrosion	1
<b>I Weekly Test (5<sup>th</sup> May 2025)</b>			
<b>Syllabus: Solutions and Electrochemistry (till Nernst equation)</b>			
3.	CHEMICAL KINETICS  (Total period required – 12)  (16 <sup>th</sup> May to 10 <sup>th</sup> July)	* Rate of reaction (average and instantaneous); Factors affecting rates of reaction	2
		* Order and molecularity of a reaction	2
		* Rate law and specific rate constant	2
		* Integrated rate equations and half-life along with Numericals	4
		* Collision theory; Arrhenius equation with Numericals	2
3.	HALOALKANES & HALOARENES  (Total period required – 10)  (11 <sup>th</sup> July to 28 <sup>th</sup> July)	* Nomenclature; Nature of C – X bond	2
		* Physical and Chemical properties; Mechanism of substitution reaction	4
		* Substitution reactions; Directive influence of halogens	2
		* Uses & environmental effects of CH <sub>2</sub> Cl <sub>2</sub> , CHCl <sub>3</sub> , CCl <sub>4</sub> , CHI <sub>2</sub> , DDT	2
<b>II Weekly Test (28<sup>th</sup> July 2025)</b>			
<b>Syllabus: Solution, Electrochemistry, Chemical Kinetics, Haloalkanes and Haloarenes (till Preparation of Haloalkanes)</b>			
4.	ALCOHOLS, PHENOLS & ETHERS  (Total period required – 10)	* <u>Alcohols</u> Nomenclature; Methods of preparation; Physical and chemical properties; Identification of 1°, 2° and 3° alcohols; Mechanism of dehydration;	4

	(29 <sup>th</sup> July to 15 <sup>th</sup> Aug)	Uses of methanol and ethanol	
		* <u>Phenols</u> Nomenclature; Methods of preparation; Physical and chemical properties; Electrophilic substitution reactions; Acidic nature of phenols; Uses of phenol	4
		* <u>Ethers</u> Nomenclature; Methods of preparation; Physical and chemical properties; Uses of ether.	2
5.	ALDEHYDES, KETONES & CARBOXYLIC ACID  (Total period required – 13)  (16 <sup>th</sup> Aug to 3 <sup>rd</sup> Sept)	* <u>Aldehydes &amp; Ketones</u> Nomenclature; Nature of Carbonyl group; Methods of preparation; Physical and chemical properties; Mechanism of nucleophilic addition; Reactivity of alpha hydrogen in Aldehydes; Uses	8
		* <u>Carboxylic Acid</u> Nomenclature; Acidic nature; Methods of preparation; Physical and chemical properties; Uses	5
6.	AMINES  (Total period required – 08)  (4 <sup>th</sup> Sept to 16 <sup>th</sup> Sept)	* <u>Amines</u> Nomenclature; Classification; Structure; Method of preparation; Physical and chemical properties; Identification of 1 <sup>o</sup> , 2 <sup>o</sup> and 3 <sup>o</sup> amines; Uses	5
		* <u>Diazonium Salts</u> Method of preparation; Chemical reactions; Importance in Organic Chemistry	3
7.	BIOMOLECULES  (Total period required – 06)  (17 <sup>th</sup> Sept to 25 <sup>th</sup> Sept)	* Carbohydrates Classification (Aldoses and Ketoses); Monosaccharides – Glucose and Fructose	3
		* Oligosaccharides – Sucrose, Lactose and Maltose; Polysaccharides – Starch, Cellulose, Glycogen; Their importance	
		* Proteins: Elementary idea of $\alpha$ -amino acids; Peptide bond; Poly peptides proteins; Enzymes	1
		* 1 <sup>o</sup> , 2 <sup>o</sup> and 3 <sup>o</sup> structure of proteins; Denaturation of proteins	1
		* Nucleic acids: DNA & RNA; Their structure, Vitamins Classification and their deficiency	1
9.	d – and f – BLOCK ELEMENTS  (Total period required – 06)	* General introduction; Electronic Configuration; Occurrence; Characteristics of Transition metals; General trends in properties of first row	1
		* Metallic character; Ionization enthalpy; Oxidation states; Ionic radii; Colour; Catalytic properties; Magnetic properties; Interstitial Compounds	3

	(26 <sup>th</sup> Sept to 3 <sup>rd</sup> Oct)	* Preparation and Properties of $K_2Cr_2O_7$ and $KMnO_4$	1
		* Lanthanoids & Actinoids Electronic Configuration; Oxidation States; Chemical Reactivity; Lanthanoids and Actinoid contraction	1
9.	COORDINATION COMPOUNDS  (Total period required – 07)  (4 <sup>th</sup> Oct to 15 <sup>th</sup> Oct)	* Introduction; Ligands; Coordination number, IUPAC nomenclature	2
		* Colour, Magnetic properties & Shapes	1
		* Bonding (Werner's theory, VBT, and CFT) & Isomerism in complex compounds	2
		* Importance of coordination compounds in quantitative analysis	1
		* Metal carbonyl and its classification	1
<b>Revision (Chapter-wise) till 27<sup>th</sup> October 2025</b>			
<b>*1<sup>st</sup> Pre-Board (27<sup>th</sup> Oct 2025 to 14<sup>th</sup> Nov 2025) and 2<sup>nd</sup> Pre Board (12<sup>th</sup> Dec 2025 to 30<sup>th</sup> Dec 2025)</b>			

### **CHEMISTRY PRACTICAL SYLLABUS (30 marks)**

#### **1. Salt analysis: (08 marks)**

To analyze the given salt for acidic and basic radicals

#### **2. Volumetric analysis: (08 marks)**

- Prepare 100 mL solution of Mohr's salt (Ferrous ammonium sulphate) of given molarity. Using this solution find out the molarity, strength and percentage purity of given  $KMnO_4$  solution.
- Prepare 100 mL solution of oxalic acid of given molarity. Using this solution find out the molarity, strength and percentage purity of given  $KMnO_4$  solution.

#### **3. Content Based Experiment (06 marks)**

Identify the functional group present in the given organic compound.

#### **4. Investigatory project (04 marks)**

Practical record & Viva **(04 marks)**



**SYLLABUS BREAKUP FOR THE ACADEMIC SESSION: 2026-27**

**CLASS: XII**

**SUBJECT: BIOLOGY**

S.NO.	MONTH	UNIT AND CHAPTER	PRACTICAL	SPOTTING
1.	APRIL TO MAY	<p><b>UNIT VI: REPRODUCTION</b></p> <p><b>CHAPTER-1: SEXUAL REPRODUCTION IN FLOWERING PLANTS</b>                      Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; out breeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation.</p>	Prepare a temporary mount to observe pollen germination	1. Flowers adapted to pollination by different agencies (wind, insects, birds).  2. Pollen germination on stigma through a permanent slide or scanning electron micrograph.
		<p><b>CHAPTER-2: HUMAN REPRODUCTION</b>                      Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis -spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).</p> <p><b>CHAPTER-3: REPRODUCTIVE HEALTH</b>                      Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).</p>	Prepare a temporary mount of onion root tip to study mitosis	1. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice)  2. T.S. of blastula through permanent slides (Mammalian).
		<p><b>UNIT VII: GENETICS AND EVOLUTION</b></p> <p><b>CHAPTER-4: PRINCIPLES OF INHERITANCE AND VARIATION</b>                      Heredity and variation: Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory</p>	Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc.	1. Mendelian inheritance using seeds of different colour/sizes of any plant.

		<p>of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.</p> <p><b>CHAPTER-5: MOLECULAR BASIS OF INHERITANCE</b>  Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation; gene expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting.</p>		<p>2. 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</p>
	<b>I WEEKLY TEST(MAY)</b>	<b>Chapter-1: Sexual Reproduction in Flowering Plants</b>		
2.	<b>JULY TO AUGUST</b>	<p><b>UNIT VII: GENETICS AND EVOLUTION</b>  <b>CHAPTER-6: EVOLUTION</b>  Origin of life; biological evolution and evidences for biological evolution (palaeontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy- Weinberg's principle; adaptive radiation; human evolution.</p> <p><b>UNIT IX: BIOTECHNOLOGY</b>  <b>CHAPTER-9: BIOTECHNOLOGY - PRINCIPLES AND PROCESSES GENETIC ENGINEERING</b>  (Recombinant DNA Technology).</p> <p><b>CHAPTER-10: BIOTECHNOLOGY AND ITS APPLICATIONS</b>  Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms – Bt crops; transgenic animals; biosafety issues, biopiracy and patents.</p>		<p>Flash cards models showing examples of homologous and analogous organs.</p>

	<b>II WEEKLY TEST(AUGUST)</b>	<b>Chapter-7: Human Health and Diseases</b>		
3.	<b>SEPTEMBER-OCTOBER</b>	<p><b>UNIT VIII: BIOLOGY IN HUMAN WELFARE</b></p> <p><b>CHAPTER-7: HUMAN HEALTH AND DISEASES</b> Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse.</p> <p><b>CHAPTER-8: MICROBES IN HUMAN WELFARE</b> Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use.</p>		<p>1. Common disease-causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.</p>
5.		<p><b>UNIT X: ECOLOGY</b></p> <p><b>CHAPTER-11: ORGANISMS AND POPULATIONS</b> Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution. (Topics excluded: Organism and its Environment, Major Abiotic Factors, Responses to Abiotic Factors, Adaptations)</p> <p><b>CHAPTER-12: ECOSYSTEM</b> Ecosystems: Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy</p> <p><b>CHAPTER-13: BIODIVERSITY AND ITS CONSERVATION</b> Biodiversity-Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites.</p>	<p>1. Study the plant population density by quadrat method.</p> <p>2. Study the plant population frequency by quadrat method. Models specimen showing symbiotic association in root modules of leguminous plants, Cuscuta on host, lichens.</p>	
	<b>I PRE-BOARD (OCTOBER,27 TO NOVEMBER,14, 2025)</b>	<b>WHOLE SYLLABUS</b>		

6.	<b>NOVEMBER</b>	<b>REVISION AND PROBLEM-SOLVING CLASSES</b>
	<b>II PRE-BOARD (DECEMBER 12 TO DECEMBER 30, 2025)</b>	<b>WHOLE SYLLABUS</b>



**SYLLABUS BREAKUP (2026-27)**  
**SUBJECT: MATHEMATICS**  
**CLASS-XII**

MONTH	TOPICS	No. of Periods
<b>APRIL</b> <b>NO. OF DAYS = 17</b>  No. of Periods <b>(app) = 22</b>	<b>MATRICES &amp; DETERMINANTS</b>	
	Introduction and Types of Matrices	2
	Operation on Matrices	2
	Transpose of a Matrix, Symmetric & Skew Symmetric Matrices.	2
	Determinants (Minors & Co-factors)	3
	Adjoint and inverse of a Matrix	2
	Problems on Determinants and Matrices	2
	Solving system of simultaneous equations using matrix	3
	<b>RELATIONS &amp; FUNCTIONS</b>	
	Revision of Domain and range of Relation	1
	Types of relations	2
	Equivalence Relation	3
<b>MAY</b> <b>NO. OF DAYS = 21</b>  No. of Periods <b>(app) = 28</b>	<b>RELATIONS &amp; FUNCTIONS (CONTD.)</b>	
	Revision of Functions	2
	Types of functions with problems	3
	*Problem Discussion	2
	<b>INVERSE TRIGONOMETRIC FUNCTIONS</b>	
	Definition and Principal Values	3
	Graphical representation	3
	Problem Discussion	1
	<b>CONTINUITY AND DIFFERENTIABILITY</b>	
	Continuity	2
	Differentiability	1
	Differentiation by chain rule	2
	Differentiation of implicit functions	1
	Logarithmic Functions & Exponential Functions	1
	Inverse Trigonometric Functions	3
	Parametric Functions	2
	Higher Derivatives	2
<b>JULY</b> <b>NO. OF DAYS = 26</b>  No. of Periods <b>(app) = 35</b>	<b>APPLICATION OF DERIVATIVES</b>	
	Rate of change	3
	Increasing and Decreasing Function	4
	Maxima & Minima	3
	Problem Discussion	2
	<b>INTEGRALS</b>	
	Introduction, formulae, Basic Direct Problem	1
	Integration by substitution	2
	Problem of $\int \tan x dx$ , $\int \sec x dx$ etc.	3
	Different types in Integration	4
	Integration by part	2
	Partial Fractions	2
	Properties of definite integral	2
	Problem Discussion	3

	<b>APPLICATION OF INTEGRATION</b>	
	Area under the curve	4
<b>AUGUST</b>	<b>DIFFERENTIAL EQUATIONS</b>	
<b>NO. OF DAYS = 21</b>	Definition, order and degree	2
	General and particular solution of a differential equation.	2
No. of Periods	Solution of differential equation by separation of variables	2
<b>(app) = 28</b>	Homogenous Differential equation	3
	Linear Differential Equations	3
	<b>VECTOR ALGEBRA</b>	2
	Definition and types of vectors	3
	Addition of vectors and their problems	3
	Scalar Product	3
	Vector Product	3
	<b>THREE DIMENSIONAL GEOMETRY</b>	
	Co-ordinate System in 3-D	2
<b>SEPTEMBER&amp;OCTOBER</b>	<b>THREE DIMENSIONAL GEOMETRY (contd.)</b>	
<b>NO. OF DAYS = 25</b>	Direction Ratios & Direction Cosines	2
	Cartesian equation and vector equation of a line	2
No. of Periods	Skew lines, shortest distance between two lines.	3
<b>(app) = 31</b>	Angle between two lines. Straight Line	2
	Problem Discussion	1
	<b>LINEAR PROGRAMMING</b>	
	Introduction, related terminology such as constraints, objective function, optimization, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints)	4
	<b>PROBABILITY</b>	
	Conditional Probability	2
	Multiplication Theorem	2
	Total Probability	3
	Independent Events	2
	Baye's Theorem	3
	<b>REVISION</b>	5



**Syllabus Distribution**  
**Accountancy (Code No. 055)**  
**Class-XII (2026-27)**

Units		Marks
<b>Part A</b>	<b>Accounting for Partnership Firms and Companies</b>	
	Unit 1. Accounting for Partnership Firms	36
	Unit 2. Accounting for Companies	24
		<b>60</b>
<b>Part B</b>	<b>Financial Statement Analysis</b>	
	Unit 3. Analysis of Financial Statements	12
	Unit 4. Cash Flow Statement	8
		<b>20</b>
	<b>TOTAL</b>	<b>80</b>
<b>Part C</b>	<b>Project Work</b>	
	Project work will include:	
	Project File      12 Marks	
	Viva Voce        8 Marks	<b>20</b>

**Accounting for Partnership Firms and Companies**  
**Unit 1: Accounting for Partnership Firms**  
**APRIL - 07 to MAY 23, 2025 –**

<b>Unit 1: Accounting for Partnership Firms</b>		
<b>Units/Topics</b>	<b>period</b>	<b>Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• <b>BASIC CONCEPT</b>-Partnership: features, Partnership Deed. Provisions of the Indian Partnership Act 1932 in the absence of partnership deed.</li> <li>• Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account – division of profit among partners, guarantee of profits.</li> <li>• Past adjustments (relating to interest on capital, interest on drawing, salary and profit-sharing ratio).</li> <li>• Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization and weighted average profit method.</li> </ul>	4	After going through this Unit, the students will be able to: State the meaning of partnership, partnership firm and partnership deed. Describe the characteristic features of partnership and the contents of partnership deed. Discuss the significance of provision of partnership Act in the absence of partnership deed.
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<p><i>Note: Interest on partner's loan is to be treated as a charge against profits.</i></p>		<p>Differentiate between fixed and fluctuating capital, outline the process and develop the understanding and skill of preparation of Profit and Loss Appropriation Account.</p> <p>Develop the understanding and skill of preparation profit and loss appropriation account involving guarantee of profits.</p> <p>Develop the understanding and skill of making past adjustments.</p>
<ul style="list-style-type: none"> <li>• Goodwill: adjustment through partners' capital/ current account or by raising and writing off goodwill (AS 26)</li> </ul>	5	<p>State the meaning, nature and factors affect in goodwill</p> <p>Develop the understanding and skill of valuation of goodwill using different methods.</p> <p>State the meaning of sacrificing ratio, gaining ratio and the change in profit sharing ratio among existing partners.</p> <p>Develop the understanding of accounting treatment of revaluation assets and reassessment of liabilities and treatment of reserves and accumulated profits by preparing revaluation account and balance sheet.</p>
<p><b>Admission of a partner</b> - effect of admission of a partner on change in the profit-sharing ratio, treatment of goodwill (as per AS 26),</p>	8	<p>Explain the effect of change in profit sharing ratio on admission of a new partner.</p> <p>Develop the understanding and skill of treatment of goodwill as per AS-26,</p>
<ul style="list-style-type: none"> <li>• Treatment for revaluation of assets and re- assessment of liabilities, treatment of reserves, accumulated profits and losses.</li> <li>• Adjustment of capital accounts and preparation of capital, current account and balance sheet.</li> </ul> <p><b>JULY' 2025</b>  <u><b>Retirement and death of a partner:</b></u></p> <ul style="list-style-type: none"> <li>• Effect of retirement/ death of a partner on change in profit sharing ratio,</li> </ul>	<p>3</p> <p>7</p> <p>3</p>	<p>Treatment of revaluation of assets and re-assessment of liabilities,</p> <p>Treatment of reserves and accumulated profits,</p> <p>Adjustment of capital accounts and preparation of capital, current account and balance sheet of the new firm.</p> <p>Explain the effect of retirement /death of a partner on change in profit sharing ratio.</p>

<ul style="list-style-type: none"> <li>Treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves,</li> </ul> <p>Adjustment of capital accounts and preparation of capital, current account and balance sheet. Preparation of loan account of the retiring partner.</p>	<p>4</p> <p>3</p>	<p>Develop the understanding of accounting treatment of goodwill, revaluation of assets and re-assessment of liabilities and adjustment of accumulated profits, losses and reserves on retirement / death of a partner and capital adjustment.</p> <p>Discuss the preparation of the capital accounts of the remaining partners and the balance sheet of the firm after retirement / death of a partner.</p>
<ul style="list-style-type: none"> <li>Calculation of deceased partner's share of profit till the date of death.</li> <li>Preparation of deceased partner's capital account and his executor's account.</li> </ul>	<p>6</p>	<p>Develop the skill of calculation of deceased partner's share till the time of his death and prepare deceased partner's and executor's account.</p>
<ul style="list-style-type: none"> <li><b>Dissolution of a partnership firm:</b> meaning of dissolution of partnership and partnership firm,</li> <li>Types of dissolution of a firm.</li> <li>Settlement of accounts – preparation of realisation account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s)).</li> </ul> <p><b>Note:</b></p> <p>(i) If the realized value of tangible assets is not given it should be considered as realized at book value itself.</p> <p>(ii) If the realized value of intangible assets is not given it should be considered as nil (zero value).</p> <p>(iii) In case, the realization expenses are borne by a partner, clear indication should be given regarding the payment thereof.</p>	<p>2</p> <p>2</p> <p>7</p>	<p>Understand the situations under which a partnership firm can be dissolved.</p> <p>Develop the understanding of preparation of realisation account and other related accounts.</p>
<p><b>AUGUST' 2025</b></p>		
<p><b>Unit-2 Accounting for Companies</b></p>		
<p><b>Accounting for Share Capital</b></p> <ul style="list-style-type: none"> <li>Features and types of companies Share and share capital: nature and types.</li> <li>Accounting for share capital: issue and allotment of equity and preferences shares.</li> <li>Public subscription of shares - over subscription and under subscription of shares; issued at par and at premium,</li> <li>Calls-in-advance and arrears (excluding interest), issue of shares for consideration other than cash.</li> </ul>	<p>2</p> <p>4</p> <p>5</p> <p>2</p>	<p>State the meaning of share and share capital and differentiate between equity shares and preference shares and different types of share capital.</p> <p>Understand the meaning of private placement of shares and Employee Stock Option Plan.</p> <p>Explain the accounting treatment of share capital transactions regarding issue of shares.</p>

<p><b>Accounting for Share Capital (continued)</b></p> <ul style="list-style-type: none"> <li>• Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity.</li> <li>• Accounting treatment of forfeiture and re- issue of shares.</li> <li>• Disclosure of share capital in the Balance Sheet of a company.</li> </ul>	<p>2 6 3</p>	<p>Develop the understanding of accounting treatment of forfeiture and re- issue of forfeited shares.</p> <p>Describe the presentation of share capital in the balance sheet of the company as per schedule III part I of the Companies Act 2013.</p>
<p><b>SEPTEMBER - OCTOBER-2025</b></p>		
<p><b>Accounting for Debentures</b></p> <ul style="list-style-type: none"> <li>• Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount.</li> <li>• Issue of debentures for consideration other than cash;</li> <li>• Issue of debentures with terms of redemption;</li> <li>• Debentures as collateral security-concept, interest on debentures. Writing off discount / loss on issue of debentures.</li> </ul> <p>Note: Discount or loss on issue of debentures to be written off in the year debentures are allotted from Security Premium Reserve (if it exists) and then from Statement of Profit and Loss as Financial Cost (AS-16)</p>	<p>2 4 4</p>	<p>Explain the accounting treatment of different categories of transactions related to issue of debentures.</p> <p>Develop the understanding and skill of writing of discount / loss on issue of debentures.</p> <p>Understand the concept of collateral security and its presentation in balance sheet.</p> <p>Develop the skill of calculating interest on debentures and its accounting treatment.</p> <p>State the meaning of redemption of debentures.</p>
<p><b>Part B: Financial Statement Analysis</b></p>		
<p><b>Unit 3: Financial statements of a Company</b></p>		
<p><b>Financial statements of a Company:</b> Meaning, Nature, Uses and importance of financial Statement. Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013) <b>Note:</b> <i>Exceptional items, extraordinary items and profit (loss) from discontinued operations are excluded.</i></p> <ul style="list-style-type: none"> <li>• <b>Financial Statement Analysis:</b> Meaning, Significance Objectives, importance and limitations.</li> <li>• <b>Tools for Financial Statement Analysis:</b> Cash flow analysis, ratio analysis.</li> <li>• <b>Accounting Ratios:</b> Meaning, Objectives, Advantages, classification and computation.</li> <li>• <b>Liquidity Ratios:</b> Current ratio and Quick ratio.</li> <li>• <b>Solvency Ratios:</b> Debt to Equity Ratio, Total Asset to Debt Ratio,</li> <li>• Proprietary Ratio and Interest Coverage Ratio. Debt to Capital Employed Ratio.</li> </ul> <p><b>Activity Ratios:</b> Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover</p>	<p>4 2 2 3 3</p>	<p>State the meaning, objectives and significance of different types of ratios.</p> <p>Develop the understanding of computation of current ratio and quick ratio.</p> <p>Develop the skill of computation of debt equity ratio, total asset to debt ratio, Proprietary ratio and interest coverage ratio.</p> <p>Develop the skill of computation of inventory turnover ratio, trade receivables and trade payables ratio and working capital turnover ratio and others.</p> <p>Develop the skill of computation of gross profit ratio, operating ratio, operating profit ratio, net profit ratio and return on investment.</p>

Ratio, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio and Working Capital Turnover Ratio. • Profitability Ratios: Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment. <b>Note:</b> Net Profit Ratio is to be calculated on the basis of profit before and after tax.	4	
<b>Unit 4: Cash Flow Statement</b>		
<ul style="list-style-type: none"> <li>Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only)</li> </ul> <p><b>Note-1:</b></p> <ul style="list-style-type: none"> <li><i>Adjustments relating to depreciation and amortization, profit or loss on sale of assets including investments, dividend (both final and interim) and tax.</i></li> <li><i>Bank overdraft and cash credit to be treated as short term borrowings.</i></li> <li><i>Current Investments to be taken as Marketable securities unless otherwise specified.</i></li> </ul> <p><b>Note-2:</b> <i>Previous years' Proposed Dividend to be given effect, as prescribed in AS-4, Events occurring after the Balance Sheet date. Current years' Proposed Dividend will be accounted for in the next year after it is declared by the shareholders.</i></p>	8	State the meaning and objectives of cash flow statement. Develop the understanding of preparation of Cash Flow Statement using indirect method as per AS 3 with given adjustments.
Project Guidelines	8	
<b>Books recommended:</b> <b>1.PART-I-ACCOUNTANCY –NCERT &amp; 2.PART-II-ACCOUNTANCY-NCERT</b>		

\* I- WT –TEST- BASIC CONCEPT OF PARTNERSHIP & ADMISSION OF A PARTNER (PART)

\* II WT – TEST – RETIREMENT/DEATH OF A PARTNER & DISSOLUTION OF PARTNERSHIP FIRM

\* Full Syllabus - for Pre-Board Examination.

**Munish Kumar Dua**



**BUSINESS STUDIES**  
**CLASS–XII (2026-2027)**

**Theory:80 Marks**

**Project: 20 Marks**

Units		Marks
<b>Part A</b>	<b>Principles and Functions of Management</b>	
1.	Nature and Significance of Management	16
2	Principles of Management	
3	Business Environment	
4	Planning	14
5	Organizing	
6	Staffing	20
7	Directing	
8	Controlling	
	<b>Total</b>	<b>50</b>
<b>Part B</b>	<b>Business Finance and Marketing</b>	
9	Financial Management	15
10	Financial Markets	
11	Marketing Management	15
12	Consumer Protection	
	<b>Total</b>	<b>30</b>
<b>Part C</b>	<b>Project Work (One)</b>	<b>20</b>

**Part A: Principles and Functions of Management**

**APRIL –MAY 2025**

**Unit 1: Nature and Significance of Management**

Concept	Learning Objectives	Periods Allocation
Management - concept, objectives, and importance	After going through this unit, the learner would be able to: 1. Understand the concept of management 2. Explain the meaning of effectiveness and efficiency 3. Discuss the objectives of management 4. Describe the importance of management	2
Management as Science, Art and Profession	1. Examine the nature of management as a Science, Art or Profession	3
Levels of Management	1. Understand the functions of Top, Middle and Lower level of management	2
Management functions-planning, organizing, staffing, directing and controlling	1. Discuss the functions of management	1
Coordination- concept and importance	1. Discuss the concept and characteristics of coordination 2. Explain the importance of coordination	2

**Unit 2: Principles of Management**

Principles of Management- concept and significance	After going through this unit, the learner would be able to: 1. Understand the concept of principles of management 2. Explain the significance of principles of management	3
Fayol's principles of management	1. Identify and discuss the principles of general management given by Fayol	7
Taylor's Scientific management- principles and techniques	1. Identify and discuss the principles and techniques of Scientific management given by Taylor 2. Compare the contributions of Taylor and Fayol	6

### Unit 3: Business Environment

Business Environment- concept and importance	After going through this unit, the learner would be able to: 1. Understand the concept of Business Environment 2. Describe the importance of Business Environment	2
Dimensions of Business Environment- Economic, Social, Technological, Political and Legal	1. Identify and describe the various dimensions of Business environment	2
Demonetization - concept and features	1. Understand the concept of demonetization	2

### Unit 4: Planning

Concept, importance and limitation	After going through this unit, the learner would be able to: 1. Understand the concept of planning 2. Discuss the importance of planning 3. Understand the limitations of planning	3
Planning process	1. Describe the steps of planning process	3
Types of Plans	1. Single use and standing plans. Objectives, Strategy, Policy, Procedure, method Rule, budget and Programme	4

### JULY – AUGUST 2025

### Unit 5: Organising

Concept and importance	After going through this unit, the learner would be able to: 1. Understand the concept of organising as a structure and as a process 2. Describe the importance of organising	2
Organising Process	1. Describe the steps involved in the process of organising	2
Structure of organisation- functional and divisional concept. Formal and informal organisation- concept	1. Understand the concept of functional and divisional structure 2. Understand the advantages, disadvantages and suitability of functional and divisional structure 3. Understand the concept of formal and informal organisation 4. Understand the advantages and disadvantages of formal and informal organisation	4
Delegation: concept, elements and importance	1. Understand the concept of delegation 2. Describe the elements of delegation 3. Elaborate the importance of delegation	2
Decentralization: concept and importance	1. Understand the concept of decentralization 2. Explain the importance of decentralization 3. Differentiate between delegation and decentralization	2

### Unit 6: Staffing

Concept and importance of staffing	After going through this unit, the learner would be able to: 1. Understand the concept of staffing 2. Explain the importance of staffing	1
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Staffing as a part of Human Resource Management concept	1. Understand the specialised duties and activities performed by HRM	1
Staffing process	1. Describe the steps involved in the process of staffing	2
Recruitment process	1. Understand the meaning of recruitment 2. Identify and discuss different sources of recruitment – Internal and External 3. Explain the merits and limitations of internal and external sources of recruitment	2
Selection - process	1. Understand the meaning of selection 2. Describe the steps involved in the process of selection 3. Distinguish between Recruitment and Selection	3
Training and Development - Concept and importance, Methods of training - on the job and off the job - vestibule training, apprenticeship training and internship training	1. Understand the concept of training and development 2. Appreciate the importance of training to the organisation and employees 3. Discuss the meaning of induction training, vestibule training, apprenticeship training and internship training 4. Discuss on the job and off the job methods of training	5

### Unit 7: Directing

Concept and importance	After going through this unit, the learner would be able to: 1. Discuss the concept of directing 2. Describe the importance of directing	1
Elements of directing	1. Define various elements of directing	1
Motivation – Concept	1. Understand the concept of motivation	1
Maslow Need Theory	1. Develop an understanding of Maslow’s need theory	1
Types of incentives	1. Discuss the various financial and non-financial incentives like pay and allowances, profit sharing, bonus, perquisites, recognition, status, etc.	3
Leadership – Concept and Styles	1. Understand the concept of leadership. 2. Understand the various styles of leadership i.e authoritative, democratic and laissez faire	2
Communication – Concept and types	1. Understand the concept of communication 2. Understand the elements of the communication process. 3. Discuss the concept of formal and informal communication.	3
Barriers to effective communication and how to overcome the barriers	1. Discuss the various barriers to effective communication. 2. Suggest measures to overcome barriers to communication.	2

### Unit 8: Controlling

Controlling - Concept and importance	After going through this unit, the learner would be able to: 1. Understand the concept of controlling 2. Explain the importance of controlling	2
Relationship between planning and controlling	1. Describe the relationship between planning and Controlling	2
Steps in process of control	1. Discuss the steps involved in controlling process	2

## Part B: Business Finance and Marketing

### Unit 9: Financial Management

Concept, role and objectives of Financial Management	After going through this unit, the learner would be able to: 1. Understand the concept of financial management 2. Explain the role of financial management in business 3. Discuss the objectives of financial management	2
Financial decisions: investment, financing and dividend- Meaning and factors affecting	1. Identify and understand different financial decisions 2. Discuss the factors affecting different financial decisions	2
Financial Planning - concept and importance	1. Describe the concept of financial planning and its objectives 2. Discuss the importance of financial planning	2
Capital Structure – concept and factors affecting capital structure	1. Understand the concept of capital structure 2. Describe the factors determining the choice of an appropriate capital structure	2
Fixed and Working Capital - Concept and factors affecting their requirements	1. Understand the meaning of fixed and working capital 2. Explain the factors determining the requirements of fixed and working capital	2

SEPTEMBER 2025

### Unit 10: Financial Markets

Financial Markets: Concept	After going through this unit, the learner would be able to: 1. Understand the concept of financial market	1
Money market: Concept	1. Understand the concept of money market	1
Capital market and its types (primary and secondary)	1. Discuss the concept of capital market. 2. Explain primary and secondary markets as types of capital market. 3. Distinguish between primary and secondary market	3
Stock Exchange - Functions and trading procedure	1. Understand the meaning of a stock exchange. 2. Explain the functions of a stock exchange. 3. Discuss the trading procedure in a stock exchange. 4. Give the meaning of depository services and Demat account as used in the trading procedure of securities.	4
Securities and Exchange Board of India (SEBI) - objectives and functions	1. Understand the meaning of SEBI (Securities and Exchange Board of India) 2. State the objectives of SEBI 3. Identify and explain different functions of SEBI	2

### Unit 11: Marketing

Marketing – Concept, functions and philosophies	After going through this unit, the learner would be able to: 1. Understand the meaning of selling, marketing and market 2. Explain the functions of marketing 3. Discuss different philosophies of marketing with examples 4. State the features of marketing	2
Marketing Mix – Concept and elements	1. Understand the meaning of marketing mix and its different elements	2
Product - branding, labelling and packaging – Concept	1. Understand the concept of product 2. Understand the concept of branding, labelling and packaging.	2

Price - Concept, Factors determining price	1. Understand the meaning of price 2. Describe the factors determining the price	2
Physical Distribution – concept, components and channels of distribution	1. Understand the concept and components of physical distribution 2. Understand various channels of distribution	3
Promotion – Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations	1. Understand the concept of promotion 2. Describe the elements of promotion mix. 3. Understand the concept of advertising and sales promotion. 4. Discuss the concept of public relations.	5

**October 2025**

**Unit 12: Consumer Protection**

Concept and importance of consumer protection	After going through this unit, the learner would be able to: 1. Understand the concept of consumer protection. 2. Discuss the importance of consumer protection. 3. Discuss the scope of Consumer Protection Act, 2019	2
Consumer Protection Act 2019: Meaning of consumer Rights and responsibilities of consumers Who can file a complaint? Redressal machinery Remedies available	1. Understand the concept of a consumer according to the Consumer protection Act 2019. 2. Explain the consumer rights 3. Explain the responsibilities of consumers 3. Understand who can file a complaint and against whom? 4. Discuss the legal redressal machinery under Consumer Protection Act 2019 - District Forum, State Commission, National Commission 5. Examine the remedies available to the consumer under Consumer Protection Act 2019.	2
Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)	1. Describe the role of consumer organisations and NGOs in protecting consumers' interests	2

**Part C: Project Work**

1. Principles of Management 2. Business Environment 3. Marketing Management 4. Stock Exchange	After doing the Project Work in Business Studies, the students will be able to do the following: 1. Develop a practical approach by using modern technologies in the field of business and management; 2. Get an opportunity for exposure to the operational environment in the field of business management and related services; 3. Inculcate important skills of team work, problem solving, time management, information collection, processing, analysing and synthesizing relevant information to derive meaningful conclusions 4. Get involved in the process of research work; demonstrate his or her capabilities while working independently	5
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**Books recommended**

- 1. Principles and Functions of Management published by NCERT**
- 2. Business Finance and Marketing published by NCERT**

- First Written Test will cover Unit 1 and Unit 2 (May 2025)
- Second Written Test will cover Unit 3, Unit 4 and Unit 5 (August 2025)
- Entire Syllabus will be covered in Pre-Board Examination.
- Extra classes will be taken for completion of syllabus.



## SYLLABUS BREAK-UP FOR 2026-27

### SUBJECT: ECONOMICS

### CLASS: XII

<b>Part A: Introductory Macroeconomics</b>		
S. N.	Units, Topics and Sub Topics	Pd.
<b>1.</b>	<b>Unit 1: National Income and Related Aggregates (10 Marks)</b>	<b>20</b>
	What is Macroeconomics? Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate goods; stocks and flows; gross investment and depreciation. Circular flow of income (two sector model)	5
<b>Part B: Indian Economic Development</b>		
<b>2.</b>	<b>Unit 6: Development Experience (1947-90) and Economic Reforms since 1991 (12 Marks)</b>	<b>15</b>
	<b>A brief introduction</b> of the state of Indian economy on the eve of independence.	5
	<b>Indian economic system and common goals of Five-Year Plans.</b>	5
	Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade. Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.	
<b>First Periodic Test (13/05/2025): (Above Topics will be Evaluated)</b>		
	<b>Methods of calculating National Income</b> - Value Added or Product method, Expenditure method, Income method. Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP, GDP Deflator, GDP and Welfare	10
		5
<b>Part B: Indian Economic Development</b>		
<b>2.</b>	<b>Unit 6: Development Experience (1947-90) and Economic Reforms since 1991</b>	
	<b>Economic Reforms since 1991:</b> Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST	5
<b>Part A: Introductory Macroeconomics</b>		
<b>3.</b>	<b>Unit 2: Money and Banking (6 Marks)</b>	<b>10</b>
	<b>Money</b> – meaning and functions, supply of money – Currency held by the public and net demand deposits held by commercial banks. Money creation by the commercial banking system.	3
	<b>Central bank and its functions</b> (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement.	7
<b>Second Periodic Test (04/08/2025): (Above Topics will be Evaluated)</b>		
<b>Part B: Indian Economic Development</b>		
<b>4.</b>	<b>Unit 7: Current Challenges facing Indian Economy (20 Marks)</b>	<b>25</b>
	<b>Human Capital Formation:</b> How people become resource; Role of human capital in economic development; Growth of Education Sector in India	10
	<b>Rural development:</b> Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming	5
	<b>Employment:</b> Growth and changes in work force participation rate in formal and informal sectors; problems and policies	5
	<b>Sustainable Economic Development:</b> Meaning, Effects of Economic Development on Resources and Environment, including global warming	5
<b>Part A: Introductory Macroeconomics</b>		
<b>5.</b>	<b>Unit 4: Government Budget and the Economy (6 Marks)</b>	<b>8</b>
	<b>Government budget</b> - meaning, objectives and components.	2

	<b>Classification of receipts</b> - revenue receipts and capital receipts;	2
	<b>Classification of expenditure</b> – revenue expenditure and capital expenditure.	2
	<b>Balanced, Surplus and Deficit Budget</b> – measures of government deficit.	2
<b>Part B: Indian Economic Development</b>		
<b>6.</b>	<b>Unit 8: Development Experience of India (8 Marks)</b>	<b>5</b>
	<b>A comparison with neighbours</b> ; India and Pakistan; India and China Issues: economic growth, population, sectoral development and other Human Development Indicators	5
<b>Part A: Introductory Macroeconomics</b>		
<b>7.</b>	<b>Unit 5: Balance of Payments (6 Marks)</b>	<b>10</b>
	<b>Balance of payments account</b> - meaning and components;	2
	<b>Balance of payments</b> – Surplus and Deficit	2
	<b>Foreign exchange rate</b> - meaning of fixed and flexible rates and managed floating.	2
	<b>Determination of exchange rate in a free market</b> , Merits and demerits of flexible and fixed exchange rate. Managed Floating exchange rate system	2
<b>8.</b>	<b>Unit 3: Determination of Income and Employment (12 Marks)</b>	<b>15</b>
	<b>Aggregate demand and its components</b> Propensity to consume and propensity to save (average and marginal).	5
	<b>Short-run equilibrium output</b> ; investment multiplier and its mechanism. Meaning of full employment and involuntary unemployment.	5
	<b>Problems of excess demand and deficient demand</b> ; measures to correct them - changes in government spending, taxes and money supply.	5
<b>I Pre-Board Examination: October 27, 2025 (Full Syllabus will be Evaluated)</b>		
<b>II Pre-Board Examination: December 12, 2025 (Full Syllabus will be Evaluated)</b>		
	<b>Part C: Project (20 Marks)</b>	<b>5</b>



## ARTIFICIAL INTELLIGENCE (843)

### SYLLABUS OF CLASS XII

**SESSION: 2026-27**

**Theory : 50    Practical : 50**

<b>Date/Month</b>	<b>Unit</b>	<b>Chapter/Topics</b>
<b>7<sup>th</sup> April to 2<sup>nd</sup> May</b>	<b>Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project</b>	Introduction to data science methodology, business understanding, analytic approach, data requirements, data requirements, data understanding, data preparation, ai modelling, evaluation, deployment, feedback Model validation: train test split , k-fold cross validation , model performance - evaluation metrics: evaluation metrics for classification, confusion matrix, precision and recall, f1-score, accuracy. Evaluation metrics for regression.
<b>I WEEKLY TEST (TERM I)</b>		
<b>5<sup>th</sup> May to 17<sup>th</sup> May</b>	<b>Unit 3: Making Machines See</b>	How machines see?, working of computer vision, Basics of digital images, Interpretation of Image in digital form, COMPUTER VISION – PROCESS: Image Acquisition, Preprocessing, Noise Reduction, Image Normalization, Resizing/Cropping, Histogram Equalization, Feature Extraction, Detection/Segmentation: Single Object Tasks, Multiple Object Tasks, High-Level Processing, applications of computer vision, challenges of computer vision, the future of computer vision
<b>1<sup>st</sup> July to 11<sup>th</sup> July</b>	<b>Unit 5: Introduction to Big Data and Data Analytics</b>	What is Big Data, Types of Big Data, Advantages and Disadvantages of Big Data, Characteristics of Big Data, Big Data Analytics, Working on Big Data Analytics, Using Orange Data Mining for Big Data Analytics, Mining Data Streams, Future of Big Data Analytics
<b>II WEEKLY TEST (TERM I)</b>		
<b>16<sup>th</sup> July to 1<sup>st</sup> August</b>	<b>Unit 6: Understanding Neural Networks</b>	What is a neural network, PARTS OF A NEURAL network: (input, hidden, output layer), components of a neural network, the key components of a neural network are as follows: neuron, weights, activation functions, bias, connections, learning rule, propagation functions, working of a neural network, TYPES OF NEURAL NETWORKS, Standard Neural Network (Perceptron), Feed Forward Neural Network (FFNN), Convolutional Neural Network (CNN), Recurrent Neural Network (RNN), Generative Adversarial Network (GAN), FUTURE OF NN AND ITS IMPACT ON SOCIETY
<b>4<sup>th</sup> August to 14<sup>th</sup> August</b>	<b>Unit 7: Generative AI</b>	Introduction to Generative AI, Working of Generative AI, Generative Adversarial Networks (GANs), Generative Adversarial Networks (GANs), Generative and Discriminative Models, Discriminative models, Generative models, Differences between Generative AI and Discriminative AI, Applications of Generative AI, Image Generation, Image Generation, Video Generation, Audio Generation, Audio Generation, Transformers in LLMs, Transformers in LLMs, Limitations of LLM, Risks associated with LLM, Future of Generative AI, Ethical and Social Implications of Generative AI, Deepfake Technology, Bias and Discrimination, Plagiarism, Transparency,

<p><b>17<sup>th</sup> August to 22<sup>nd</sup> August</b></p>	<p><b>Unit 8: Data Storytelling</b></p>	<p>Introduction to Storytelling, what are Stories, the benefits of stories, Why is storytelling a powerful tool, Elements of Stories: Charater, Plot/Setting, Conflict, Resolution, Insight, Introduction to Data Storytelling, Need for Data Storytelling, Why has Data Storytelling become very powerful now, Essential elements of Data Storytelling, Narrative structure of a data story, Visualizations for different data, Steps to create a story through data, Ethics in Data Storytelling</p>
<p><b>1<sup>st</sup> Sept to 13<sup>th</sup> Sept</b></p>	<p><b>Unit 1: Python Programming – II*</b></p>	<p>Python Libraries: NumPy Library, 2 Pandas Library, Pandas Data Structures, Series, Data Frame, Dealing with Rows and Columns, Deleting Rows or Columns from a DataFrame, Attributes of DataFrames, Import and Export Data between CSV Files and DataFrames, Exporting a DataFrame to a CSV file, Handling Missing Values</p>
<p><b>15<sup>th</sup> Sept to 26<sup>th</sup> Sept</b></p>	<p><b>Unit 4: AI with Orange Data Mining Tool*</b></p>	<p>What is Data Mining, Introduction to Orange Data Mining Tool, Beneficiaries of Orange data mining, Getting started with Orange tool, components of orange data mining tool, default widget catalog, key domains of ai with orange data mining tool, Data Science with Orange, classification, Evaluating the Classification Model with Orange, Computer Vision with Orange, Natural Language Processing with Orange.</p>
<p><b>29<sup>th</sup> Sept to 1<sup>st</sup> October</b></p>	<p><b>EMPLOYABILITY SKILLS UNIT 1: COMMUNICATION SKILLS – IV</b></p>	<p>1. Importance of active listening at workplace 2. Steps to active listening 3. Writing skills to the following:  <ul style="list-style-type: none"> <li>• Sentence</li> <li>• Phrase</li> <li>• Kinds of Sentences</li> <li>• Parts of Sentence</li> <li>• Parts of Speech</li> <li>• Articles</li> <li>• Construction of a Paragraph</li> </ul> </p>
<p><b>3<sup>rd</sup> October to 8<sup>th</sup> October</b></p>	<p><b>EMPLOYABILITY SKILLS UNIT 2: SELF - MANAGEMENT SKILLS – IV</b></p>	<p>1. Finding and listing motives (needs and desires); 2. Finding sources of motivation and inspiration (music, books, activities); expansive thoughts; living fully in the present moment; dreaming big 3, Describe the meaning of personality 4. Describe how personality influence others 5. Describe basic personality traits 6. Describe common personality disorders- paranoid, antisocial, schizoid, borderline, narcissistic, avoidant, dependent and obsessive</p>
<p><b>9<sup>th</sup> October to 14<sup>th</sup> October</b></p>	<p><b>EMPLOYABILITY SKILLS UNIT 4: ENTREPRENEURIAL SKILLS- IV</b></p>	<p>1. Barriers to becoming entrepreneur 2. Behavioral and entrepreneurial competencies– adaptability/decisiveness, initiative/perseverance, interpersonal skills, organizational skills, stress management, valuing service and diversity 3. Entrepreneurial competencies in particular: self -confidence, initiative, seeing and acting on opportunities, concern for quality, goal setting and risk taking, problem solving and creativity, systematic planning and efficiency, information seeking, persistence, influencing and negotiating, team building</p>

<p><b>15<sup>th</sup> October to 17<sup>th</sup> October</b></p>	<p><b>EMPLOYABILITY SKILLS</b> <b>UNIT 5: GREEN SKILLS – IV</b></p>	<ol style="list-style-type: none"> <li>1. Role of green jobs in toxin-free homes,</li> <li>2. Green organic gardening, public transport and energy conservation,</li> <li>3. Green jobs in water conservation</li> <li>4. Green jobs in solar and wind power, waste reduction, reuse and recycling of wastes,</li> <li>5. Green jobs in green tourism</li> <li>6. Green jobs in building and construction</li> <li>7. Green jobs in appropriate technology</li> <li>8. Role of green jobs in Improving energy and raw materials use</li> <li>9. Role of green jobs in limiting greenhouse gas emissions</li> <li>10. Role of green jobs minimizing waste and pollution</li> <li>11. Role of green jobs in protecting and restoring ecosystems</li> <li>12. Role of green jobs in support adaptation to the effects of climate change</li> </ol>
<p><b>18<sup>th</sup> October to 23<sup>rd</sup> October</b></p>	<p><b>EMPLOYABILITY SKILLS</b> <b>UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – IV</b></p>	<ol style="list-style-type: none"> <li>1. Introduction to spreadsheet application</li> <li>2. Spreadsheet applications</li> <li>3. Creating a new worksheet</li> <li>4. Opening workbook and entering text</li> <li>5. Resizing fonts and styles</li> <li>6. Copying and moving</li> <li>7. Filter and sorting</li> <li>8. Formulas and functions</li> <li>9. Password protection.</li> <li>10. Printing a spreadsheet.</li> <li>11. Saving a spreadsheet in various formats.</li> </ol> <ol style="list-style-type: none"> <li>1. Introduction to presentation</li> <li>2. Software packages for presentation</li> <li>3. Creating a new presentation</li> <li>4. Adding a slide</li> <li>5. Deleting a slide</li> <li>6. Entering and editing text</li> <li>7. Formatting text</li> <li>8. Inserting clipart and images</li> <li>9. Slide layout</li> <li>10. Saving a presentation</li> <li>11. Printing a presentation document</li> </ol>
<p><b>REVISION FOR PRE BOARD EXAMS</b></p>		



**SYLLABUS BREAK-UP ( PERIODWISE)  
PHYSICAL EDUCATION  
CLASS- XII (2026-27)**

Unit No	Unit Name and Topic	Period	Month
1	<b>Management of sporting Events</b>		APRIL
	1. Functions of Sports Events Management (Planning, Organising, Staffing, Directing & Controlling)		
	2. Various Committees & their Responsibilities (pre; during & post)		
	3. Fixtures and their Procedures – Knock-Out (Bye & Seeding) & League (Staircase, Cyclic, Tabular method) and Combination tournaments.		
	4. Intramural & Extramural tournaments Meaning, Objectives & Significance		
	5. Community sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause & Run for Unity)		
2	<b>Children &amp; Women in Sports</b>		MAY
	1. Exercise guidelines of WHO for different age groups.		
	2. Common postural deformities-knock knees, flat foot, round shoulders, Lordosis, Kyphosis, Scoliosis, bow legs and their corrective measures.		
	Women's participation in Sports Physical, Psychological, and social benefits.		
	4. Special consideration (menarche and menstrual dysfunction)		
	5. Female athlete triad (osteoporosis, amenorrhea, eating disorders.		
<b>FIRST WEEKLY TEST</b>			
3	<b>Yoga as Preventive measure for Lifestyle Disease</b>		JULY
	1. Obesity: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Pavanmuktasana, Matsayasana, Halasana, Pachimottansana, Ardha – Matsyendrasana, Dhanurasana, Ushtrasana, Suryabedhan.		
	2. Diabetes: Procedure, Benefits & Contraindications for Katichakrasana, Pavanmuktasana, Bhujangasana, Shalabhasana, Dhanurasana, Supta - vajarasana, Paschimottanasana -a, Ardha - Mastendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati.		
	3. Asthma: Procedure, Benefits & Contraindications for Tadasana, Urdhwahastottansana, UttanMandukasan, Bhujangasana, Dhanurasana, Ushtrasana, Kapalabhati, Gomukhasana Matsyaasana, Anulom-Viloma.		
	4. Hypertension: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Uttanpadasana, Ardha Halasana, Sarala Matyasana, Gomukhasana, UttanMandukasan Vakrasana, Bhujangasana, Makarasana, Shavasana, Nadi - shodhanapranayam, Sitlipranayam.		
	5. Back Pain and Arthritis:		
	Ardh Chakrasana, Ushtrasana, Vakrasana, Sarala Maysyendrasana,		
4	<b>Physical Education and Sports for CWSN (Children with Special Needs Divyang)</b>		JULY
	1. Organizations promoting Disability Sports (Special Olympics; Paralympics; Deaflympics)		
	2. Concept of Classification and Divisioning in Sports.		
	3. Concept of Inclusion in sports, its need, and Implementation;		
	4. Advantages of Physical Activities for children with special needs.		
	Strategies to make Physical Activities assessable for children with special needs		
5	<b>Sports &amp; Nutrition</b>		AUGUST
	1. Concept of balanced diet and nutrition		
	2. Macro and Micro Nutrients: Food sources & functions		
	3. Nutritive & Non Nutritive Components of Diet		
	4. Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and food myths		
	5. Importance of Diet in Sports-Pre, During and Post competition Requirements		

## SECOND WEEKLY TEST

<b>6</b>	<b>Test &amp; Measurement in Sports</b>		<b>AUGUST</b>
	1. Fitness Test – SAI Khelo India Fitness Test in school: Age group 5-8 years/ class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test		
	Age group 9-18yrs/ class 4-12: BMI, 50mt Speed test, 600mt Run/Walk, Sit & Reach flexibility test, Strength Test (Partial Abdominal Curl Up, Push-Ups for boys, Modified Push-Ups for girls).		
	2. Measurement of Cardio -Vascular Fitness – Harvard Step Test –		
	Duration of the Exercise in Seconds x100/5.5 X Pulse count of 1 -1.5 Min.		
	3. Computing Basal Metabolic Rate (BMR)		
	4. Rikli & Jones - Senior Citizen Fitness Test		
	upper body strength, Chair Sit & Reach Test for lower body flexibility		
	Back Scratch Test for upper body flexibility		
	• Eight Foot Up & Go Test for agility • Six -Minute Walk Test for Endurance		
	5. Johnsen – Methney Test of Motor Educability (Front Roll, Roll, Jumping Half-Turn, Jumping full-turn		
<b>7</b>	<b>Physiology &amp; Injuries in Sport</b>		<b>SEPTEMBER</b>
	1. Physiological factors determining components of physical fitness		
	2. Effect of exercise on the Muscular System		
	3. Effect of exercise on the Cardio Respiratory System		
	4. Physiological changes due to aging		
	5. Sports injuries: Classification (Soft Tissue Injuries - Abrasion, Contusion, Laceration, Incision, Sprain & Strain;		
	Bone & Joint Injuries - Dislocation, Fractures - Green Stick, Comminuted, Transverse Oblique & Impacted)		
<b>8</b>	<b>Biomechanics and Sports</b>		<b>SEPTEMBER</b>
	1. Newton's Law of Motion & its application in sports		
	2. Types of Levers and their application in Sports.		
	Equilibrium Dynamic & Static and Centre of Gravity and its application in sports		
	4. Friction & Sports		
	5. Projectile in Sports		
<b>9</b>	<b>Psychology and Sports</b>		<b>OCTOBER</b>
	1. Personality; its definition & types (Jung Classification & Big Five Theory)		
	2. Motivation, its type & techniques.		
	3. Exercise Adherence: Reasons, Benefits & Strategies for Enhancing it		
	4. Meaning, Concept & Types of Aggressions in Sports		
	5. Psychological Attributes in Sports – Self-Esteem, Mental Imagery, Self-Talk, Goal Setting		
<b>10</b>	<b>Training in Sports</b>		<b>OCTOBER</b>
	1. Concept of Talent Identification and Talent Development in Sports		
	2. Introduction to Sports Training Cycle – Micro, Meso, Macro Cycle.		
	3. Types & Methods to Develop – Strength, Endurance, and Speed.		
	4. Types & Methods to Develop – Flexibility and Coordinative Ability.		
	5. Circuit Training - Introduction & its importance		

**FIRST AND SECOND PREBOARD****PRACTICAL**

Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)\*

Proficiency in Games and Sports (Skill of any one IOA recognized Sport/Game of Choice)\*\*

Yogic Practices

Record File \*\*\*

Viva Voce (Health/ Games &amp; Sports/ Yoga)



**BIFURCATION OF SYLLABUS FOR SESSION 2026-27**  
**CLASS XII**  
**POLITICAL SCIENCE (028)**

Month	Name of the book	Ch no	Name of the chapter	Detailed split up	No of pds	total Pds
April to May	Politics in India since Independence	1	Challenges of Nation-Building	<ul style="list-style-type: none"> <li>• Nation and Nation Building.</li> <li>• Sardar Vallabh Bhai Patel and Integration of States. Nehru's approach to nation-building</li> <li>• Legacy of partition: challenge of 'refugee' Resettlement, the Kashmir problem.</li> <li>• Political conflicts over language.</li> <li>• Linguistic Organisation of States.</li> </ul>	1 1 1 1	4
	Politics in India since Independence	2	Planned Development	<ul style="list-style-type: none"> <li>• Changing nature of India's Economic Development Planning Commission and Five Year Plans.</li> <li>• National Development Council.</li> <li>• NITI Aayog.</li> </ul>	1 1 1 1	4
<b>13<sup>th</sup> MAY 2025 – I WEEKLY TEST (TERM 1)</b>						
May to July	Contemporary World Politics	1	The End of Bipolarity	<ul style="list-style-type: none"> <li>• Disintegration of Soviet Union</li> <li>• Unipolar World Middle East Crisis – Afghanistan</li> <li>• Gulf War Democratic Politics and Democratization – CIS and the 21st Century (Arab Spring).</li> </ul>	1 1 1 1	4
	Contemporary World Politics	2	New Centres of Power	<ul style="list-style-type: none"> <li>• Organizations: European Union, ASEAN, SAARC, BRICS.</li> <li>• Nations: Russia, China, Israel, India, Japan and South Korea.</li> </ul>	2 2	4
	Contemporary World Politics	3	Contemporary South Asia	<ul style="list-style-type: none"> <li>• Conflicts and efforts for Peace Democratization in South Asia: Pakistan, Nepal, Bangladesh, Sri Lanka, Maldives.</li> </ul>	1 1 1 1	3
	Contemporary World Politics	4	United Nations and its Organizations	Principal Organs, Key Agencies: UNESCO, UNICEF, WHO, ILO, Security Council and the Need for its Expansion.	1 1 1 1	4
<b>4 AUGUST 2025- II WEEKLY TEST (TERM 1)</b>						

August to Sept	Contemporary World Politics	5	Security in Contemporary World	<ul style="list-style-type: none"> <li>• Security: Meaning and Type</li> <li>• Terrorism.</li> </ul>	2 2	4
	Contemporary World Politics	6	Environment and Natural Resources	<ul style="list-style-type: none"> <li>• Environmental Movements,</li> <li>• Global Warming and Climate Change</li> <li>• Conservation of Natural Resources.</li> </ul>	1 1 1	3
	Contemporary World Politics	7	Globalization	Globalization: Meaning, Manifestation and Debates	1 1 1 1	4
	Politics in India since Independence	3	India's Foreign Policy	Principles of Foreign Policy; India's Changing Relations with Other Nations: US, Russia, China, Israel; India's Relations with its Neighbours: Pakistan, Bangladesh, Bhutan, Nepal, Sri Lanka and Myanmar; India's Nuclear Programme.	1 1 1 2	5
	Politics in India since Independence	4	Parties and Party System in India	One Party Dominance Bi-Party System Multi-Party Coalition System.	1 1 2	4
Sept To Oct	Politics in India since Independence	5	Democratic Resurgence	Jaya Prakash Narayan and Total Revolution, Ram Manohar Lohia and Socialism, Pandit Deendayal Upadhyaya and Integral Humanism, National Emergency, Democratic Upsurges – Participation of the Adults, Backwards and Youth.	1 1 1 1	4
	Politics in India since Independence	6	Regional Aspirations	Rise of regional parties. Punjab Crisis. The Kashmir Issue, Movements for Autonomy	2 3 1	6
	Politics in India since Independence	7	Indian Politics: Recent Trends and Development	Era of Coalitions, National Front, United Front, United Progressive Alliance (UPA) – I & II, National Democratic Alliance (NDA) I, II, III & IV, Issues of Development and Governance.	1 2 2	5
	Project work, Cartoon, Map Work and Problem Solving					5
<b>27 OCTOBER TO 14 NOVEMBER 2025 FIRST PRE BOARD</b>						
<b>12 DECEMBER TO 30 DECEMBER 2025 SECOND PRE BOARD</b>						



**Class XII (2026-27)**  
**Subject : History (027)**

Syllabus Breakup

Text Book: Themes in Indian History – Part-I, II and III (NCERT)

**Theory Paper of 80 marks**

Month	Ch.	Theme	Sub - Topics	No. Pd	T. Pd
April- May	1.	Bricks, Beads and Bones  <i>The Harappan Civilisation</i>	<ul style="list-style-type: none"> <li>• Extent of Harappan civilization; Early urban centers.</li> <li>• An enigmatic script; Craft; Modes of Transportation; religion</li> <li>• The Drainage system; Domestic and Public architecture</li> <li>• Story of discovery: Harappan civilization</li> <li>• Archaeology and research</li> </ul>	1 2 2 2 2	<b>09</b>
	2.	Kings, Farmers and Towns  <i>Early States and Economies (c. 600 BCE-600 CE)</i>	<ul style="list-style-type: none"> <li>• Agricultural Settlements</li> <li>• Growth of 16 Mahajanapadas; First Empire</li> <li>• Cholas, Cheras and Pandyas-Sangam Literature</li> <li>• Political and economic history</li> <li>• Decipherment of the script-James Prinsep</li> <li>• Shifts in the understanding of the political and economic history.</li> <li>• Limitations of Inscriptional evidence</li> </ul>	1 2 1 1 2 2 1	<b>10</b>
<b>I WEEKLY TEST (TERM I)- 19<sup>th</sup> May 2025</b>					
May- July	3.	Kinship, Caste and Class  <i>Early Societies (c. 600 BCE-600 CE)</i>	<ul style="list-style-type: none"> <li>• Mahabharata- Case Study</li> <li>• Types of marriages</li> <li>• Issues in social history,</li> <li>• Caste, class, kinship and gender</li> <li>• Sanskrit texts like Dharmshastra and Dharmasutras</li> </ul>	3 2 3 2 3	<b>13</b>
	4.	Thinkers, Beliefs and Buildings  <i>Cultural Developments (c. 600 BCE-600 CE)</i>	<ul style="list-style-type: none"> <li>• A brief review of religious histories of Vedic religion, Jainism, Vaishnavism, developments in early India.</li> <li>• Shaivism.</li> <li>• Focus on Buddhism</li> <li>• Sanchi Stupa in Bhopal-Shahjahan Begum</li> <li>• Architecture</li> </ul>	3 2 3 3	<b>11</b>
	5.	Through the Eyes of Travellers  <i>Perceptions of Society (c. tenth to seventeenth century)</i>	<ul style="list-style-type: none"> <li>• Al-Biruni - "Kitab-ul-Hind"; Content and importance</li> <li>• Ibn-Battuta's travelling account "Rihla"- social and cultural life of India</li> <li>• Bernier's account "Travels in the Mughal Empire"- political, social and economic reflection</li> <li>• Jesuit Roberto Nobili - in 16th centur</li> <li>• Duarte Barbosa - trade &amp; society of Southern India.</li> </ul>	3 3 3 2 2	<b>13</b>

	6.	Bhakti-Sufi Traditions <i>Change in Religious Beliefs and Devotional Texts (c. 10 to 17 CE)</i>	<ul style="list-style-type: none"> <li>• Outline of religious developments during this period.</li> <li>• Ideas and religious practices of the Bhakti Sufi saints.</li> <li>• Alvars and Narayanars of Tamilnadu-Chola Kings</li> <li>• Sufism-Orders</li> </ul>	3 3 3 3	<b>12</b>
	7.	An Imperial Capital: <i>Vijayanagara (c. 16 - 17 CE)</i>	<ul style="list-style-type: none"> <li>• Outlines of new buildings,</li> <li>• Vijayanagar -temples, forts</li> <li>• Irrigation facilities.</li> <li>• Relationship between architecture and the political system.</li> </ul>	4 2 2 3	<b>11</b>
<b>II WEEKLY TEST (TERM I)-11<sup>st</sup> August 2025</b>					
Aug- Oct	8.	Peasants, Zamindars and the State  <i>Agrarian Society and the Mughal Empire (c. sixteenth-seventeenth centuries)</i>	<ul style="list-style-type: none"> <li>• Peasants and agricultural production; Geographical Diversity</li> <li>• Looking for sources - Historical Epic and Records, Important chronicles - Ain-i-Akbari; Records from Gujrat, Maharashtra and Rajasthan.</li> <li>• Peasants and their lands - cultivation was based on the principle of individual Ownership.</li> <li>• Irrigation and Technology</li> <li>• The village community. Caste and rural milieu</li> <li>• Women in agrarian Society</li> <li>• Forest and tribes - Beyond settled villages</li> </ul>	2 3 2 2 2 1 1	<b>13</b>
	9.	Colonialism and The Countryside  <i>Exploring Official Archives</i>	<ul style="list-style-type: none"> <li>• Bengal- Establishment of colonial rule- New land revenue</li> <li>• The rise of the Jotedars</li> <li>• Resistance of Zamindars</li> <li>• The fifth report</li> <li>• Paharias - hunters food gathers</li> <li>• Santhals- settled in Bengal- Daman-i-Koh</li> <li>• Revolt in the Bombay and Deccan- 1875</li> <li>• Ryotwari system in Bombay Deccan</li> </ul>	2 1 1 2 1 2 2 2	<b>13</b>
	10.	Rebels and the Raj  <i>1857 Revolt and its Representations</i>	<ul style="list-style-type: none"> <li>• The revolt of 1857 and its representation Pattern of Rebellion</li> <li>• Centers of the Revolt; Leaders; Awadh revolt</li> <li>• Repression- 1857</li> <li>• Image of the Revolt- Pictorial images</li> <li>• Nationalist imageries</li> </ul>	3 2 2 2 2	<b>11</b>
	11.	Mahatma Gandhi and the Nationalist Movement  <i>Civil Disobedience and Beyond</i>	<ul style="list-style-type: none"> <li>• Gandhiji in South Africa</li> <li>• Events at the opening of the Banaras Hindu University in February 1916.</li> <li>• Satyagraha at Champaran (Bihar in 1917); Ahmedabad and Kheda in 1918; Rowlatt Satyagraha; Jallianwala Bagh Massacre.</li> <li>• Non-cooperation movement</li> <li>• Dandi Satyagraha, Salt March.</li> <li>• 1935- Government of India Act; 1939- World War II; 1940- Two Nation Theory; 1942- Failure of Cripps Mission; 9th August 1942- Quit India</li> </ul>	1 1 2 2 2 4	<b>14</b>

			Movements; 1946- Cabinet Mission; 15th August 1947- Formal transfer of power. • Source to know more about Gandhiji	2	
12.	Framing the Constitution  <i>The Beginning of a New Era</i>		• The Indian constitution -Dec.1946 & Nov.1949. • The members of the constituent Assembly • Dr. B. R. Ambedkar -the Drafting Committee • 13 Dec. 1946 -"Objective Resolution" • An Interim Government • Relation of the central Government and the state. • The language - Mahatma Gandhi	3 2 1 2 1 1 1	<b>11</b>
<b>MAP WORK, REVISION AND PROBLEM-SOLVING SESSION + REVISION TESTS</b>					
<b>I PRE-BOARD : 27.10.2025</b>					
<b>II PRE-BOARD : 12.12.2025</b>					
<b>ALL ABOVE CHAPTERS ALONG WITH MAP WORK WILL BE EVALUATED IN PRE-BOARD EXAMINATION</b>					

**PROJECT WORK: 20 marks**

**Directions:**

- One Project to be done throughout the session with Art Integrated Activities.
- Project Work has broadly the following phases: Synopsis/ Initiation, Data Collection, Data Analysis and Interpretation, Conclusion.
- Each student has to prepare handwritten original file on the topics mention in the syllabus.
- Students can use primary sources available in city archives, Primary sources can also include newspaper cuttings, photographs, film footage and recorded written/speeches. Secondary sources may also be used after proper authentication.

**Assessment:**

Month	Periodic Work	Assessment Rubrics	Marks
April -July	Instructions about Project Guidelines, Background reading Discussions on Theme and Selection of the Final Topic, Initiation/ Synopsis	Introduction, Statement of Purpose/Need and objectives of the study, Hypothesis/Research Question, Review of Literature, Presentation of Evidence, Methodology, Questionnaire, Data Collection.	6
August -October	Planning and organization: forming an action plan, feasibility, or baseline study, Updating/modifying the action plan, Data Collection	Significance and relevance of the topic; challenges encountered while conducting the research.	5
November - January	Content/data analysis and interpretation. Conclusion, Limitations, Suggestions, Bibliography, Annexures and overall presentation of the project	Content analysis and its relevance in the current scenario. Conclusion, Limitations, Bibliography, Annexures and Overall Presentation	5
January/ February	Viva-Voce	Viva based on the project	4
<b>TOTAL</b>			<b>20</b>

