CLASS: XII

SUBJECT: ENGLISH CORE (301)

SYLLABUS (2025-2026)

DISTRIBUTION OF SYLLABUS AS PER EXAMS (XII)

TEXTBOOKS:

1. FLAMINGO NCERT

2. VISTAS NCERT

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHT AGE (MARKS)
HALF YEARLY	**SECTION A READING** **SECTION B CREATIVE WRITING SKILLS** **SECTION C LITERATURE** **FLAMINGO Prose** The Last Lesson Lost Spring	2 UNSEEN PASSAGES Notice, up to 50 words. Formal/Informal Invitation and Reply, up to 50 words Letters -application for a job with bio data OR Letters to the editor Article/ Report One Poetry extract out of two, from the book Flamingo One Prose extract out of two, from the book Vistas	Q1.12 MARKS Q2 10MARKS Q3. NOTICE 4 MARKS Q4 INVITATIONS -4 MARKS Q5.5MARKS Q6 5MARKS Q7. . (6x1=6 Marks)

	Deep Water The Rattrap Indigo **FLAMINGO Poetry** My Mother at Sixty-six Keeping Quiet A Thing of Beauty Aunt Jennifer's Tigers **VISTAS** The Third Level The Tiger King Journey to the End of the Earth The Enemy	One prose extract out of two from the book Flamingo, 10. Short answer type questions (from Prose and Poetry from the book Flamingo), to be answered in 40-50 words () Short answer type questions, from Prose (Vistas), to be answered in 40- 50 words each. 12. One Long answer type question, from Prose/Poetry (Flamingo), to be answered in 120- 150 words.	Q8. (4x1=4 Marks) Q9. (6x1=6Marks) Q10 5x2=10 Marks Q11. . (2x2=4 Marks) Q12. (1x5=5 Marks)
		13. One Long answer type question, based on the chapters from the book Vistas, to be answered in 120-150 words,	Q13. 1X5=5 MARKS
	ASL/Project Work	PROJECT FILE VIVA VOCE	20 MARKS
		TOTAL MARKS	100 MARKS

CLASS: XII

SUBJECT: ENGLISH (Subject Code 301)

SYLLABUS- 2025-26

DISTRIBUTION OF SYLLABUS AS PER EXAMS(XII)

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
ANNUAL	**SECTION A READING 22MARKS** **SECTION B** **CREATIVE WRITING SKILLS18 MARKS** **Notice** **Invitation and Replies** **Letter to Editor** **Job application** **Report writing** **Article writing** **Section C 40 Marks** **Literature Text Book and Supplementary Reading Text** **FLAMINGO Prose** The Last Lesson Lost Spring Deep Water	2 UNSEEN PASSAGES Notice, up to 50 words. Formal/Informal Invitation and Reply, up to 50 words Letters -application for a job with bio data OR Letters to the editor Article/ Report One Poetry extract out of two, from the book Flamingo One Prose extract out of two, from the book Vistas One prose extract out of two from the book Flamingo,	Q1.12 MARKS Q2 10MARKS Q3. NOTICE 4 MARKS Q4 INVITATIONS-4 MARKS Q5.5MARKS Q6 5MARKS Q7. . (6x1=6 Marks) Q8. (4x1=4 Marks) Q9. (6x1=6Marks)

	The Rattrap Indigo Poets and Pancakes The Interview Going Places **FLAMINGO Poetry** My Mother at Sixty-six Keeping Quiet A Thing of Beauty Aunt Jennifer's Tigers A Roadside Stand **VISTAS** The Third Level The Tiger King Journey to the End of the Earth The Enemy On the Face of It Memories of Childhood ○ The Cutting of My Long Hair ○ We Too are Human Beings **ALS/Project Work**	10. Short answer type questions (from Prose and Poetry from the book Flamingo), to be answered in 40-50 words () Short answer type questions, from Prose (Vistas), to be answered in 40- 50 words each. 12. One Long answer type question, from Prose/Poetry (Flamingo), to be answered in 120- 150 words. 13. One Long answer type question, based on the chapters from the book Vistas, to be answered in 120-150 words, PROJECT FILE VIVA VOCE	Q10 5x2=10 Marks Q11. . (2x2=4 Marks) Q12. (1x5=5 Marks) Q13. 1X5=5 MARKS 20 MARKS
TOTAL MARKS	100 MARKS		

SYLLABUS (2025-2026)
CLASS: XII
SUBJECT: PHYSICS(042)

TEXTBOOKS:

1.NCERT PHYSICS PART I

2. NCERT PHYSICS PART II

3. PHYSICS EXEMPLAR PROBLEMS FOR CLASS XII

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
HALF YEARLY	**Unit–I Electrostatics** Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance	**Chapter-1 Electric Charges and Fields** 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). **Chapter–2: Electrostatic Potential and Capacitance** 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	14

		dielectric medium between the plates, energy stored in a capacitor (no derivation, formulae only).	
Unit-II Current Electricity Chapter–3: Current Electricity		**Chapter–3: Current Electricity** 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, 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.	10
Unit-III Magnetic Effects of Current and Magnetism Chapter– 4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter		**Chapter–4: Moving Charges and Magnetism** 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), 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. **Chapter–5: Magnetism and Matter** Bar magnet, bar magnet as an equivalent solenoid (qualitative treatment only), magnetic field intensity due to a magnetic dipole (bar magnet) along its	12

		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.	
	Unit-IV Electromagnetic Induction and Alternating Currents Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current	**Chapter–6: Electromagnetic Induction** Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Self and mutual induction. **Chapter–7: Alternating Current** 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.	12
	Unit-V Electromagnetic Waves Chapter–8: Electromagnetic Waves	**Chapter–8: Electromagnetic Waves** Basic idea of displacement current, Electromagnetic waves, their characteristics, their transverse nature (qualitative idea only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.	6
	Unit-VI Optics Chapter–9: Ray Optics and Optical Instruments	**Chapter–9: Ray Optics and Optical Instruments** 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.	16

		Optical instruments: Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.	
TOTAL MARKS			70

<u>SYLLABUS FOR ANNUAL EXAMINATION</u>

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
ANNUAL	**Unit–I Electrostatics** Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance **Unit-II Current Electricity** Chapter–3: Current Electricity	**Chapter-1 Electric Charges and Fields** 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). **Chapter–2: Electrostatic Potential and Capacitance** 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	16

| | | 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).

Chapter–3: Current Electricity
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, 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. | |

| | **Unit-III Magnetic Effects of Current and Magnetism**

Chapter– 4: Moving Charges and Magnetism

Chapter–5: Magnetism and Matter
Unit-IV Electromagnetic Induction and Alternating Currents
Chapter–6: Electromagnetic Induction

Chapter–7: Alternating Current | **Chapter–4: Moving Charges and Magnetism**
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), 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.

Chapter–5: Magnetism and Matter
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.
Chapter–6: Electromagnetic Induction
Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Self and mutual induction.

Chapter–7: Alternating Current
Alternating currents, peak and RMS | 17 |

		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.	

| | Unit-V Electromagnetic Waves
Chapter–8: Electromagnetic Waves
Unit-VI Optics
Chapter–9: Ray Optics and Optical Instruments
Chapter–10: Wave Optics | **Chapter–8: Electromagnetic Waves**
Basic idea of displacement current, Electromagnetic waves, their characteristics, their transverse nature (qualitative idea only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.
Chapter–9: Ray Optics and Optical Instruments
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.

Chapter–10: Wave Optics
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. 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). | 18 |

	Unit–VII Dual Nature of Radiation and Matter Chapter–11: Dual Nature of Radiation and Matter **Unit–VIII Atoms and Nuclei** Chapter–12: Atoms Chapter–13: Nuclei	**Chapter–11: Dual Nature of Radiation and Matter** 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. **Chapter–12: Atoms** 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 nth orbit, hydrogen line spectra (qualitative treatment only) **Chapter–13: Nuclei** 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.	12
	Unit–IX Electronic Devices Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits	**Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits** 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.	7
TOTAL MARKS			70

NOTE: The above syllabus is for assessment purpose and remaining chapters/topics may be taught as subject-learning enrichment.

SYLLABUS (2025-26)

CLASS: XII
SUBJECT: CHEMISTRY

TEXTBOOKS:
1. NCERT PART 1
2. NCERT PART 2

EXAMINATION	CHAPTER	SUBTOPICS	WEIGHTAGE
HALF YEARLY	Solutions	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.	9
	Electrochemistry	Redox reactions, EMF of a cell, standard electrode potential, 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.	11
	Chemical Kinetics	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	9

		zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.	
	Biomolecules	Carbohydrates - Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); Importance of carbohydrates. Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins; enzymes. Hormones - Elementary idea excluding structure. Vitamins - Classification and functions. Nucleic Acids: DNA and RNA.	9
	Haloalkanes and Haloarenes	Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions. Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.	7
	Alcohols, Phenols and Ethers	Alcohols: Nomenclature, methods of preparation, 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. Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols. Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.	7
	Aldehyde, Ketones and Carboxylic Acids	Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses. Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.	10

	Amines	Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines. Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.	8
TOTAL MARKS			70

EXAMINATION	CHAPTER	SUBTOPICS	WEIGHTAGE
ANNUAL	**Solutions**	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.	7
	Electrochemistry	Redox reactions, EMF of a cell, standard electrode potential, 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.	9
	Chemical Kinetics	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.	7
	Biomolecules	Carbohydrates - Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration oligosaccharides (sucrose,	7

3

			lactose, maltose), polysaccharides (starch, cellulose, glycogen); Importance of carbohydrates. Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins; enzymes. Hormones - Elementary idea excluding structure. Vitamins - Classification and functions. Nucleic Acids: DNA and RNA.	
		Haloalkane s and Haloarenes	Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions. Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.	6
		Alcohols, Phenols and Ethers	Alcohols: Nomenclature, methods of preparation, 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. Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols. Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.	6
		Aldehydes, Ketones and Carboxylic Acids	Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses. Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.	8
		Amines	Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines. Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.	6

	d and f Block Elements	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 K2Cr2O7 and KMnO4. Lanthanoids - Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences. Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids.	7
	Coordination Compounds	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)	7
TOTAL MARKS			70

CLASS XII

SUBJECT – MATHEMATICS

SYLLABUS 2025-26

DISTRIBUTION OF SYLLABUS AS PER EXAMS

Exam Name	Chapters
Assessment 1	➢ Chapter 3: Matrices ➢ Chapter 4: Determinants
Half Yearly	➢ Chapter 1: Relation and Functions ➢ Chapter 2: Inverse Trigonometric Functions ➢ Chapter 3: Matrices ➢ Chapter 4: Determinants ➢ Chapter 5: Continuity and Differentiability ➢ Chapter 6: Application of Derivatives ➢ Chapter 7: Integrals
Common Pre-Board	➢ Chapter 1: Relation and Functions ➢ Chapter 2: Inverse Trigonometric Functions ➢ Chapter 3: Matrices ➢ Chapter 4: Determinants ➢ Chapter 5: Continuity and Differentiability ➢ Chapter 6: Application of Derivatives ➢ Chapter 7: Integrals ➢ Chapter 8: Application of Integrals ➢ Chapter 9: Differential Equations ➢ Chapter 10: Vector Algebra ➢ Chapter 11: Three Dimensional Geometry ➢ Chapter 12: Linear Programming ➢ Chapter 13: Probability

S. NO.	CHAPTER	LEARNING OUTCOMES	SKILL DEVELOPED	TEACHING METHODOLOGY/ ACTIVITY
1.	Relations and Functions	• To determine if a relation is an equivalence by verifying reflexivity,	• Identifying equivalence relations by verifying reflexivity,	Concept Mapping using Van diagram, Lecture method, Demonstration,

		symmetry, and transitivity. • To identify one-to-one and onto functions.	symmetry, and transitivity. • Recognizing one-to-one and onto functions.	and Practice Worksheets
2.	Inverse Trigonometric Functions	• To identify the domain, range, and principal value branch of inverse trigonometric functions. • To understand and draw graphs of inverse trigonometric functions.	• Identifying the domain, range, and principal value branch of inverse trigonometric functions. • Understanding and sketching graphs of inverse trigonometric functions	Graphical Demonstration (Use graphing software to visualize inverse trigonometric functions.), and practice worksheets
3.	Matrices	• To identify different types of matrices. • To perform operations on matrices. • To find the transpose of a matrix. • To understand symmetric and skew symmetric matrices. • To add two matrices. • To express a matrix as the sum of symmetric and skew symmetric matrices.	• Recognizing different types of matrices. • Performing matrix operations efficiently. • Finding the transpose of a matrix. • Understanding symmetric and skew symmetric matrices. • Expressing a matrix as the sum of symmetric and skew symmetric matrices.	Daily-life Examples, Lecture Method, Demonstration, and Practice Worksheets
4.	Determinants	• To find the area of a triangle using determinants. • To understand minors and cofactors. • To compute the adjoint and inverse of a matrix. • To apply determinants and matrices in problem-solving.	• Finding the area of a triangle using determinants. • Computing the inverse of a matrix. • Solving systems of equations using matrices.	Hands-on Demonstrations, Step-by-step Explanation, Practice Sheets

5.	Continuity and Differentiability	• To identify points of discontinuity of functions. • To identify points of non-differentiability of functions. • To find derivatives of exponential and logarithmic functions. • To find derivatives of functions in parametric form and second order derivative.	• Identifying points of discontinuity in functions. • Recognizing points of non-differentiability. • Differentiating exponential and logarithmic functions. • Finding derivatives of parametric functions and second order derivative.	Graphical Approach, Comparative Study (Compare differentiability with continuity through examples), Concept Reinforcement, Practice Exercises, Error Analysis
6.	Applications of Derivatives	• To find the rate of change of a dependent variable due to changes in an independent variable. • To identify increasing and decreasing functions. • To determine maxima and minima of a function using first derivative test and second derivative test.	• Understanding the rate of change in dependent variables. • Identifying increasing and decreasing functions. • Finding maxima and minima of functions.	Visual Representations (Use graphs to explain derivative applications), Real Life Examples Using Audio-Video Session, Practice Worksheets
7	Integrals	• To understand integration as an inverse process of differentiation. • To learn methods of integration. • To integrate special functions. • To apply the method of partial fractions and integration by parts. • To evaluate definite integrals using substitution and properties.	• Understanding integration as the inverse of differentiation. • Applying different methods of integration. • Solving definite integrals using substitution and properties.	Reverse Engineering, Lecture Method, Demonstration, and Practice Worksheets

8.	Applications of Integrals	• To understand the geometric meaning of integration. • To find the area under simple curves especially lines, circles/ parabolas/ellipses (in standard form only).	• Applying integration to calculate areas under curves. • Finding the area enclosed between curve and a line.	Graphical Representation, Lecture method, Demonstration, and Worksheet-based Learning.
9.	Differential Equations	• To identify the degree and order of a differential equation. • To form a differential equation when a solution is given. • To solve differential equations using the variable separable method, homogeneous method, and linear differential equation method.	• Identifying the degree and order of differential equations. • Forming differential equations from given solutions. • Solving differential equations using different methods.	Stepwise Approach, Hands-on Problem Solving, and Practice Worksheets.
10.	Vector Algebra	• To understand the introduction and types of vectors. • To perform addition of vectors and multiplication by a scalar. • To find the dot product and cross product of two vectors. • To determine the projection of one vector on another. • To analyze vectors when the dot product or cross product is zero.	• Understanding vector operations, including addition and scalar multiplication. • Computing dot and cross products. • Determining vector projections. • Analyzing vector relationships.	3D Visualization, Lecture Method, Demonstration, and Practice Worksheets
11.	Three Dimensional Geometry	• To find the equation of a line in space in Cartesian and vector forms. • To compute the angle between two	• Understanding direction cosines and ratios of a line. • Determining equations of lines in space.	Graphical Demonstration, Lecture Method, Demonstration, and Practice Worksheets

		lines using direction cosines. • To find the shortest distance between two lines.	• Finding angles between lines. • Computing distances between point and a line.	
12.	Linear Programming	• Understanding the problem and its mathematical solution (graphically). • Understanding related terminology such as constraints, objective function, and optimization. • Solving problems using the graphical method in two variables, including feasible and unfeasible regions with up to three non-trivial constraints.	• Solving problems mathematically (graphically). • Understanding constraints and objective functions. • Solving optimization problems graphically.	Graphical Interpretation, Lecture method, Demonstration, and Practice Worksheets
13.	Probability	• To find probability using the conditional probability formula. • To identify and solve problems using Bayes' theorem. • To determine the probability distribution of different random variables and mean of random variable.	• Applying conditional probability formula. • Using Bayes' theorem to solve real-world problems. • Understanding probability distributions of random variables and mean of random variable.	Real-life Examples , Step-by-step Approach, Application-based Learning, and Practice Worksheets

Prescribed Books:

1. *Mathematics Part I - Textbook for Class XII, NCERT Publication*
2. *Mathematics Part II - Textbook for Class XII, NCERT Publication*
3. *Mathematics Exemplar Problem for Class XII, Published by NCERT*
4. *Mathematics Lab Manual class XII, published by NCERT*

BIOLOGY
CLASS XII

TEXTBOOKS:
1.Biology by NCERT

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
HALF YEARLY			
	Unit-VI Reproduction Chapter-2: Sexual Reproduction in Flowering Plants formation.	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	25
	Chapter-3: Human Reproduction	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).	
	Chapter-4: Reproductive Health	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).	
	Unit-VII Genetics and Evolution Chapter-5: Principles of Inheritance and Variation		30
		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 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.	
	Chapter-6: Molecular Basis of Inheritance		
		Search for genetic material anNA and RNA; DNA packaging; DNA replication; Ced DNA as genetic material; Structure of Central Dogma; transcription, genetic code, translation; gene expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting.	
	Chapter-7: Evolution		
		Origin of life biological evolution and e biological evolution (paleontology, con anatomy, embryology and molecular e Darwin's contribution, modern syntheti evolution; mechanism of evolution - va (mutation and recombination) and natu with examples, types of natural selecti flow and genetic drift;; Hardy- Weinbe adaptive radiation; human evolution.	

			15
	Unit-IX Biotechnology and its Applications Chapter-11: Biotechnology - Principles and Processes . Chapter-12: Biotechnology and its Applications	Genetic Engineering (Recombinant DNA Technology) 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.	
TOTAL MARKS			**70**
EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
ANNUAL			
	UNIT VI	**Reproduction**	16
	UNIT VII	**Genetics and Evolution**	20
	UNIT IX	**Biotechnology**	12
	Unit-VIII: Biology and Human Welfare Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare	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. Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production	12

		and judicioususe.	
	Unit-X Ecology and Environment Chapter-13: Organisms and Populations	Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution. (Topics excluded: Organism and its Environment, Major Aboitic Factors, Responses to Abioitic Factors, Adaptations)	10
	Chapter-14: Ecosystem	Ecosystems: Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy (Topics excluded: Ecological Succession and Nutrient Cycles).	
	Chapter-15: Biodiversity and its Conservation	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.	
TOTAL MARKS			**70**

SYLLABUS (2025-2026)

CLASS: XII
SUBJECT: COMPUTER SCIENCE

TEXTBOOKS:
1. Computer Science with Python by Preeti Arora
2. NCERT

Schools may consider the following suggestions:

- Make sure you are thorough with the entire syllabus before allocating weightage.

- Please rationalize the syllabus based on the Annual Examination Schedule.

- The specific syllabus for each exam should be clearly mentioned.

- Please mention the chapters which are not meant for evaluation/assessment purpose and should be done for learning enrichment.

- Blueprint along with the weightage assigned to each chapter is to be mentioned. Also, certain topics that have been thoroughly covered in previous examinations can be assessed through revision assignments or projects. This would allow students to focus on more important chapters.

- Classes (XI-XII) subject teachers to adhere to the instructions as per the CBSE Curriculum.

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
HALF YEARLY	Unit 1: Computational Thinking and Programming – 2	- Revision of Python topics covered in Class XI. - Functions - Exception Handling - File handling - Data Structure: Stack	20 20 02 18 10
TOTAL MARKS			**70**

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
ANNUAL	Unit 1: Computational Thinking and Programming – 2	AS ABOVE	40
	Unit 2: Computer Networks	- Evolution of networking - Data communication terminologies - Concept of communication - Transmission media - Network - Network topologies and Network types - Network protocol - Introduction to web services	10
	Unit 3: Database Management	- Database concepts - Relational data model - Structured Query Language - Interface of Python with an SQL database	20
TOTAL MARKS			**70**

NOTE: The above syllabus is for assessment purpose and remaining chapters/topics may be taught as subject-learning enrichment.

SYLLABUS (2025-2026)

CLASS: XII

SUBJECT: Economics

TEXTBOOKS:
1) **Introductory Macroeconomics (NCERT)**
2) **Indian Economic Development (NCERT)**
3) **Supplementary Reading Material in Economics, CBSE**

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
HALF YEARLY	**Part A: Introductory Macroeconomics** **Unit 1: National Income and Related Aggregates** **Unit 2: Money and Banking**	**Unit 1: National Income and Related Aggregates** ● 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); Methods of calculating National Income - Value Added or	20 Marks

	Unit:4 Government Budget and the Economy	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	
		Unit 2: Money and Banking ● Money – 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. ● Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, Cash Reserve Ratio (CRR), Statutory Liquidity Ratio (SLR), Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement.	10 Marks
		Unit:4 Government Budget and the Economy	10 Marks

		● Periods Government budget - meaning, objectives and components. ● Classification of receipts - revenue receipts and capital receipts; ● Classification of expenditure – revenue expenditure and capital expenditure. Balanced, Surplus and Deficit Budget – measures of government deficit	
	Part B : **Indian Economic Development** **Unit 6: Development Experience (1947-90) and Economic Reforms since 1991** ● Chapter:1 Indian Economy on the eve of Independence ● Chapter:2 Indian Economy 1950-90 ● Chapter:3 Economic Reforms in India since 1991 **Unit 7: Current challenges facing**	**Unit 6: Development Experience (1947-90) and Economic Reforms since 1991** ● **Indian Economy on the eve of Independence:** A brief introduction of the state of the Indian economy on the eve of independence. ● **Indian Economy 1950-90:** Indian economic system and common goals of Five Year Plans. Main features problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade. ● **Economic Reforms in India since 1991:** Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST	24 Marks
		Unit 7: Current challenges facing Indian Economy ● **Human Capital Formation:** How people become resource; Role of human capital in economic	

	Indian Economy ● Chapter-4 Human Capital Formation ● Chapter- 5 Rural Development	development; Growth of Education Sector in India ● **Rural development:** Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming.	16 Marks
	Part C : Project Work		20 Marks
TOTAL MARKS	**Part A + Part B + Part C**		100 Marks

EXAMINATIO N	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAG E (MARKS)
ANNUAL	**Part A: Introductory Macroeconomics** **Unit 1: National Income and Related Aggregates** **Unit 2: Money and Banking** **Unit 3: Determination of Income and Employment**	**Unit 1: National Income and Related Aggregates** ● 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); Methods of calculating National Income - Value Added or Product method, Expenditure method, Income method.	**10 Marks**

| Unit:4 Government Budget and the Economy

Unit 5: Balance of Payments	● 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	
	Unit 2: Money and Banking ● Money – 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. ● Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, Cash Reserve Ratio (CRR), Statutory Liquidity Ratio (SLR), Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement.	**6 Marks**
	Unit 3: Determination of Income and Employment ● Aggregate demand and its components. ● Propensity to consume and propensity to save (average and marginal). ● Short-run equilibrium output; investment multiplier and its mechanism. ● Meaning of full employment and involuntary unemployment.	**12 Marks**

		● Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply.	
		Unit:4 Government Budget and the Economy ● Periods Government budget - meaning, objectives and components. ● Classification of receipts - revenue receipts and capital receipts; ● Classification of expenditure – revenue expenditure and capital expenditure. ● Balanced, Surplus and Deficit Budget – measures of government deficit.	**6 Marks**
		Unit 5: Balance of Payments ● Balance of payments account - meaning and components; Balance of payments – Surplus and Deficit ● Foreign exchange rate - meaning of fixed and flexible rates and managed floating. ● Determination of exchange rate in a free market, Merits and demerits of flexible and fixed exchange rate. ● Managed Floating exchange rate system	**6 Marks**

| | Part B :

Indian Economic Development

Unit 6: Development Experience (1947-90) and Economic Reforms since 1991

● Chapter:1 Indian Economy on the eve of Independence

● Chapter:2 Indian Economy 1950-90

● Chapter:3 Economic Reforms in India since 1991 | **Unit 6: Development Experience (1947-90) and Economic Reforms since 1991**

● **Indian Economy on the eve of Independence:** A brief introduction of the state of the Indian economy on the eve of independence.

● **Indian Economy 1950-90:** Indian economic system and common goals of Five Year Plans. Main features problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.

● **Economic Reforms in India since 1991:** Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST | **12 Marks** |
| | **Unit 7: Current challenges facing Indian Economy**

● Chapter-4 Human Capital Formation
● Chapter- 5 Rural Development
● Chapter: 6 Employment: Informalisation and other issues | **Unit 7: Current challenges facing Indian Economy**

Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India

Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming | **20 Marks** |

	● Chapter: 7 Environment and sustainable Development **Unit 8: Development Experience of India** ● Chapter:8 Development Experience of India: A comparison with neighbours	**Employment:** Growth and changes in work force participation rate in formal and informal sectors; problems and policies **Sustainable Economic Development**: Meaning, Effects of Economic Development on Resources and Environment, including global warming	
		Unit 8: Development Experience of India: ● A comparison with neighbours India and Pakistan India and China Issues: economic growth, population, sectoral development and other Human Development Indicators	**8 Marks**
	Part C : Project Work		20 Marks
TOTAL MARKS	**Part A + Part B + Part C**		100 Marks

SYLLABUS (2025-2026)

CLASS: XII
SUBJECT: PHYSICAL EDUCATION - (048)

TEXTBOOKS:
1. NCERT PHYSICAL EDUCATION CLASS XII.
2. SARASWATI PUBLICATION TEXT BOOK OF PHYSICAL EDUCATION

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
HALF YEARLY SYLLABUS (UNIT 1 to 5)			
HALF YEARLY	**Unit 1:** **MANAGEMENT OF SPORTING EVENTS**	1.1 Functions of Sports Events Management (Planning, Organizing, Staffing, Directing & Controlling) 1.2 Various Committees & their Responsibilities 1.3 Tournaments and their Procedures – Knock-Out (Bye Seeding & League (Staircase, Cyclic, Tabular method) and Combination) 1.4 Intramural & Extramural tournaments – Meaning Objectives & Its Significance 1.5 Specific sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause & Run for Unity)	15
	Unit 2: **CHILDREN & WOMEN IN SPORTS**	2.1 Exercise guidelines of WHO for different age groups. 2.2 Common postural deformities – Knock knees, Bow legs, Flat foot, Round shoulders, Lordosis, Kyphosis, Scoliosis, and their corrective measures. 2.3 Special consideration (Menarche & Menstrual dysfunctions, Female Athletes	15

		Triad - Osteoporosis, Amenorrhea, Eating disorders) 2.4 Special consideration in sports – Physical, Psychological, and Social benefits.	
	Unit 3: **YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE**	3.1 Obesity: Procedure, Benefits & Contraindications for Tadasana, Utkatasana, Vakrasana, Ardha Matsyendrasana, Bhujangasana, Shalabhasana 3.2 Diabetes: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Ardha Matsyendrasana, Mandukasana, Gomukhasana 3.3 Asthma: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Bhujangasana, Gomukhasana, Matsyasana, Chakrasana 3.4 Hypertension: Procedure, Benefits & Contraindications for Tadasana, Vajrasana, Sarala Matsyasana, Bhadrakonasana, Makarasana, Nadishodhana	15
	Unit 4: **PHYSICAL EDUCATION AND SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS - DIVYANG)**	4.1 Organizations Promoting Disability Sports (Special Olympics, Paralympics, Deaflympics) 4.2 Concept of Classification in sports – its need and implementation 4.3 Concept of Inclusion, its need, and implementation 4.4 Advantages of Physical Activities for Children with Special Needs 4.5 Strategies to make Physical Activities accessible for CWSN (Children With Special Needs)	10
	Unit 5: **SPORTS NUTRITION**	5.1 Concept of balanced diet and nutrition 5.2 Macro & Micro Nutrients: Components & Functions 5.3 Nutritive & Non-Nutritive Components of Diet 5.4 Importance of Nutrition in Sports: Effects	15

		of Dieting, Food Intolerance, and Food Myths 5.5 Eating for weight control in sports – Pre, During, and Post competition Requirements	
		TOTAL MARKS	**70**

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
ANNUAL	**Unit 1:** **MANAGEMENT OF SPORTING EVENTS**	1.1 Functions of Sports Events Management (Planning, Organizing, Staffing, Directing & Controlling) 1.2 Various Committees & their Responsibilities 1.3 Tournaments and their Procedures – Knock-Out (Bye Seeding & League (Staircase, Cyclic, Tabular method) and Combination) 1.4 Intramural & Extramural tournaments – Meaning Objectives & Its Significance 1.5 Specific sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause & Run for Unity)	9
	Unit 2: **CHILDREN & WOMEN IN SPORTS**	2.1 Exercise guidelines of WHO for different age groups. 2.2 Common postural deformities – Knock knees, Bow legs, Flat foot, Round shoulders, Lordosis, Kyphosis, Scoliosis, and their corrective measures. 2.3 Special consideration (Menarche & Menstrual dysfunctions, Female Athletes Triad - Osteoporosis, Amenorrhea, Eating disorders) 2.4 Special consideration in sports – Physical, Psychological, and Social benefits.	7

	Unit 3: **YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE**	3.1 Obesity: Procedure, Benefits & Contraindications for Tadasana, Utkatasana, Vakrasana, Ardha Matsyendrasana, Bhujangasana, Shalabhasana 3.2 Diabetes: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Ardha Matsyendrasana, Mandukasana, Gomukhasana 3.3 Asthma: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Bhujangasana, Gomukhasana, Matsyasana, Chakrasana 3.4 Hypertension: Procedure, Benefits & Contraindications for Tadasana, Vajrasana, Sarala Matsyasana, Bhadrakonasana, Makarasana, Nadishodhana	7
	Unit 4: **PHYSICAL EDUCATION AND SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS - DIVYANG)**	4.1 Organizations Promoting Disability Sports (Special Olympics, Paralympics, Deaflympics) 4.2 Concept of Classification in sports – its need and implementation 4.3 Concept of Inclusion, its need, and implementation 4.4 Advantages of Physical Activities for Children with Special Needs 4.5 Strategies to make Physical Activities accessible for CWSN (Children With Special Needs)	8
	Unit 5: **SPORTS NUTRITION**	5.1 Concept of balanced diet and nutrition 5.2 Macro & Micro Nutrients: Components & Functions 5.3 Nutritive & Non-Nutritive Components of Diet 5.4 Importance of Nutrition in Sports: Effects of Dieting, Food Intolerance, and Food Myths	7

		5.5 Eating for weight control in sports – Pre, During, and Post competition Requirements	
	Unit 6: **TEST AND MEASUREMENT IN SPORTS**	6.1 Fitness Test – SAI Khelo India Fitness Test in school • Age group 5-8 yrs/class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test • Age group 9-18 yrs/class 4-12: BMI, 50m Speed test, 600m Run/Walk, Sit & Reach flexibility test, Strength Test (Partial Abdominal Curl Up, Push-Ups for boys, Modified Push-Ups for girls). 6.2 Measurement of Cardio-Vascular Fitness – Harvard Step Test – Duration of the Exercise in Seconds × 100/5.5 × Pulse count of 1-1.5 Min after Exercise. 6.3 Computing Basal Metabolic Rate (BMR) 6.4 Rikli & Jones – Senior Citizen Fitness Test – • Chair Stand Test for lower body strength, + Arm Curl Test for 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 Aerobic Endurance. 6.5 Johnson – Methney Test of Motor Educability (Front Roll, Roll, Jumping Half-Turn, Jumping full-turn)	8

	Unit 7: **PHYSIOLOGY & INJURIES IN SPORT**	7.1 Physiological factors determining Components of Physical Fitness. 7.2 Effect of exercise on the Muscular System. 7.3 Effect of exercise on the Cardio-Respiratory System. 7.4 Physiological changes due to Ageing. 7.5 Sports injuries – Classification (Soft Tissue Injuries - Abrasion, Contusion, Laceration, Incision, Sprain & Strain; Bone & Joint Injuries – Dislocation, Fractures – Green Stick, Comminuted, Transverse Oblique & Impacted).	8
	Unit 8: **BIOMECHANICS AND SPORTS**	8.1 Newton's Law of Motion & its Application in Sports. 8.2 Types of Levers and their Application in Sports. 8.3 Equilibrium – Dynamic & Static and Centre of Gravity and its application in sports. 8.4 Friction and Sports. 8.5 Projectile in Sports.	10
	Unit 9: **PSYCHOLOGY AND SPORTS**	9.1 Personality; its Definition & Types (Jung Classification & Big Five Theory) 9.2 Motivation, its Type & Techniques. 9.3 Exercise Adherence: Reasons, Benefits & Strategies for Enhancing it. 9.4 Meaning, Concept & Types of Aggressions in Sports. 9.5 Psychological Attributes in Sports – Self-Esteem, Mental Imagery, Self-Talk, Goal Setting.	7
	Unit 10: **TRAINING IN SPORTS**	10.1 Concept of Talent Identification and Talent Development in Sports. 10.2 Introduction to Sports Training Cycle – Micro, Meso, Macro Cycle. 10.3 Types & Methods to Develop – Strength, Endurance, and Speed.	9

		10.4 Types & Methods to Develop – Flexibility and Coordinative Ability. 10.5 Circuit Training - Introduction & its importance.	
		TOTAL MARKS	**70**

SYLLABUS (2025-2026)

CLASS: XII
SUBJECT: PSYCHOLOGY

TEXTBOOKS:

    1. PSYCHOLOGY, Textbook for Class XII, NCERT

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE
HALF YEARLY	Chapter 1: Variations in psychological attributes	1. Introduction 2. Individual Differences in Human Functioning 3. Assessment of Psychological Attributes 4. Intelligence 5. Psychometric Theories of Intelligence, Information Processing Theory: Planning, Attention-arousal and Simultaneous successive Model of Intelligence, Triarchic Theory of Intelligence; Theory of Multiple Intelligences. 6. Individual Differences in Intelligence 7. Culture and Intelligence 8. Emotional Intelligence 9. Special Abilities: Aptitude: Nature and Measurement 10. Creativity	20 marks
	Chapter 2 Self and personality	1. Introduction 2. Self and Personality 3. Concept of Self 4. Cognitive and Behavioural aspects of Self 5. Culture and Self 6. Concept of Personality 7. Major Approaches to the Study of Personality • Type Approaches	18 marks

		• Trait Approaches
		• Psychodynamic Approach and Post Freudian Approaches
		• Behavioural Approach
		• Cultural Approach
		• Humanistic Approach
		8. Assessment of Personality
		    • Self-report Measures
		    • Projective Techniques
		    • Behavioural Analysis	

	Chapter 3
	Meeting Life Challenges
		1. Introduction
		2. Nature, Types and Sources of Stress
		3. Effects of Stress on Psychological Functioning and Health
		    • Stress and Health
		    • General Adaptation Syndrome
		    • Stress and Immune System
		    • Lifestyle
		4. Coping with Stress
		    • Stress Management Techniques
		5. Promoting Positive Health and Well-being
		    • Life Skills
		    • Positive Health
			14 marks

	Chapter 4 Psychological Disorders	1. Introduction 2. Concepts of Abnormality and Psychological Disorders • Historical Background 3. Classification of Psychological Disorders 4. Factors Underlying Abnormal Behaviour 5. Major Psychological Disorders • Anxiety Disorders • Obsessive-Compulsive and Related Disorders • Trauma-and Stressor-Related Disorders • Somatic Symptom and Related Disorders • Dissociative Disorders • Depressive Disorder • Bipolar and Related Disorders • Schizophrenia Spectrum and Other Psychotic Disorders	18 marks

		• Neurodevelopmental Disorders • Disruptive, Impulse-Control and Conduct Disorders • Feeding and Eating Disorders • Substance Related and Addictive Disorders	
TOTAL MARKS			**70**

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE
ANNUAL EXAM	Chapter 1 variations in psychological attributes	1. Introduction 2. Individual Differences in Human Functioning 3. Assessment of Psychological Attributes 4. Intelligence 5. Psychometric Theories of Intelligence, Information Processing Theory: Planning, Attention-arousal and Simultaneous successive Model of Intelligence, Triarchic Theory of Intelligence; Theory of Multiple Intelligences. 6. Individual Differences in Intelligence 7. Culture and Intelligence 8. Emotional Intelligence 9. Special Abilities: Aptitude: Nature and Measurement 10. Creativity	13 marks
	Chapter 2 Self and personality	1. Introduction 2. Self and Personality 3. Concept of Self 4. Cognitive and Behavioural aspects of Self 5. Culture and Self 6. Concept of Personality 7. Major Approaches to the Study of Personality • Type Approaches	13 marks

		• Trait Approaches • Psychodynamic Approach and Post Freudian Approaches • Behavioural Approach • Cultural Approach • Humanistic Approach 8. Assessment of Personality • Self-report Measures • Projective Techniques • Behavioural Analysis	
	Chapter 3 Meeting Life Challenges	1. Introduction 2. Nature, Types and Sources of Stress 3. Effects of Stress on Psychological Functioning and Health • Stress and Health • General Adaptation Syndrome • Stress and Immune System • Lifestyle 4. Coping with Stress • Stress Management Techniques 5. Promoting Positive Health and Well-being • Life Skills • Positive Health	09 marks
	Chapter 4 Psychological Disorders	1. Introduction 2. Concepts of Abnormality and Psychological Disorders • Historical Background 3. Classification of Psychological Disorders 4. Factors Underlying Abnormal Behaviour 5. Major Psychological Disorders • Anxiety Disorders • Obsessive-Compulsive and Related Disorders • Trauma-and Stressor-Related Disorders • Somatic Symptom and Related Disorders • Dissociative Disorders • Depressive Disorder • Bipolar and Related Disorders • Schizophrenia Spectrum and Other Psychotic Disorders • Neurodevelopmental Disorders • Disruptive, Impulse-Control and Conduct	12 marks

		Disorders	
		• Feeding and Eating Disorders Substance Related and Addictive Disorders	

	Chapter 5 Therapeutic Approaches	1. Nature and Process of psychotherapy
		   • Therapeutic relationship
		2. Types of Therapies
		   • Behaviour Therapy
		   • Cognitive Therapy
		   • Humanistic-Existential Therapy
		   • Alternative Therapies
		   • Factors contributing to healing in Psychotherapy
		   • Ethics in Psychotherapy
		3. Rehabilitation of the Mentally Ill
			09 marks

	Chapter 6 Attitude and Social Cognition	1. Introduction
		2. Explaining Social Behaviour
		3. Nature and Components of Attitudes
		4. Attitude Formation and Change
		   • Attitude Formation
		   • Attitude Change
		   • Attitude-Behaviour Relationship
		5. Prejudice and Discrimination
		6. Strategies for Handling Prejudice
			08 marks

	Chapter 7 Social Influence and Group Processes	1. Introduction
		2. Nature and Formation of Groups
		3. Type of Groups
		4. Influence of Group on Individual Behaviour
		   • Social Loafing
		   • Group Polarisation
			06 marks

TOTAL MARKS			**70**

NOTE: The above syllabus is for assessment purpose and remaining chapters/topics may be taught as subject-learning enrichment.

SYLLABUS (2025-2026)

CLASS: XII
SUBJECT: ACCOUNTANCY

TEXTBOOKS:

1. **NCERT-Accountancy: Book I- Partnership Accounts**
    (E-Book)   Book II- Company Accounts & analysis of financial Statements

2. **T.S GREWAL: Book I- Accounting for Partnership Firms**
    Book II- Accounting for Companies
    Book III- Analysis of Financial Statements

EXAMINATION	UNIT/ CHAPTER/ TOPIC	SUB TOPICS	WEIGHTAGE
HALF YEARLY	**Analysis of Financial Statements**	**Financial statements of a Company** • 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) Note: Exceptional items, extraordinary items and profit (loss) from discontinued operations are excluded **Financial Statement Analysis** • Meaning, Significance Objectives, importance and limitations. **Tools for Financial Statement Analysis** • Comparative statements, common size statements, Ratio analysis, Cash flow analysis. **Accounting Ratios** • Meaning, Objectives, Advantages, classification and computation. • Liquidity Ratios: Current ratio and Quick ratio. • Solvency Ratios: Debt to Equity Ratio, Total Asset to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Debt to Capital Employed Ratio. • Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio and Working Capital Turnover Ratio	**12**

		• Profitability Ratios: Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment.	
	Cash Flow Statement	• **Meaning, objectives, Benefits, Cash and Cash Equivalents, Classification of Activities and preparation** (as per AS 3 (Revised) (Indirect Method only) Note: (i) Adjustments relating to depreciation and amortization, profit or loss on sale of assets including investments, dividend (both final and interim) and tax. (ii) Bank overdraft and cash credit to be treated as short term borrowings. (iii) Current Investments to be taken as Marketable securities unless otherwise specified.	**8**
	Accounting for Partnership Firms	• **Partnership:** features, Partnership Deed. • **Provisions of the Indian Partnership Act 1932** in the absence of partnership deed. • **Fixed v/s fluctuating capital accounts.** • **Preparation of Profit and Loss Appropriation account**- division of profit among partners, guarantee of profits. • **Past adjustments** (relating to interest on capital, interest on drawing, salary and profit sharing ratio). • **Goodwill:** meaning, factors affecting, need for valuation, methods for calculation (average profits, super profits and capitalization), adjusted through partners capital/ current account.	**20**
	Accounting for Partnership firms - Reconstitution and Dissolution.	• **Change in the Profit Sharing Ratio** among the existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation account and balance sheet. • **Admission of a partner -** effect of admission of a partner on change in the profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses, adjustment of capital	

		accounts and preparation of capital, current account and balance sheet.	
		• **Retirement and death of a partner:** effect of retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account and balance sheet. Preparation of loan account of the retiring partner.	40
		• Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account and his executor's account	
		• **Dissolution of a partnership firm:** meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization 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)	
TOTAL			**80**

COMMON PRE BOARD	Accounting for Partnership Firms	• **Partnership:** features, Partnership Deed. • **Provisions of the Indian Partnership Act 1932** in the absence of partnership deed. • **Fixed v/s fluctuating capital accounts.** • **Preparation of Profit and Loss Appropriation account**- division of profit among partners, guarantee of profits. • **Past adjustments** (relating to interest on capital, interest on drawing, salary and profit sharing ratio). • **Goodwill:** meaning, factors affecting, need for valuation, methods for calculation (average profits, super profits and capitalization), adjusted through partners capital/ current account	
	Accounting for Partnership firms - Reconstitution and Dissolution	• **Change in the Profit Sharing Ratio** among the existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation account and balance sheet. • **Admission of a partner -** effect of admission of a partner on change in the profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses, adjustment of capital accounts and preparation of capital, current account and balance sheet. • **Retirement and death of a partner:** effect of retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account and balance sheet. Preparation of loan account of the retiring partner. • Calculation of deceased partner's share of profit till the date of death.	**36**

| | | Preparation of deceased partner's capital account and his executor's account
• **Dissolution of a partnership firm:** meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization 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) | |

	Accounting for Companies	**Features and types of companies.** **Share and share capital:** nature and types. **Accounting for share capital:** issue and allotment of equity and preferences shares. Public subscription of shares - over subscription and under subscription of shares; issue at par and at premium, calls in advance and arrears (excluding interest), issue of shares for consideration other than cash. **Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity.** **Accounting treatment of forfeiture and reissue of shares.** **Disclosure of share capital in the Balance Sheet of a company.** **Accounting for Debentures** Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security-concept, interest on debentures (concept of TDS is excluded). Writing off discount / loss on issue of debentures. 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)	**24**
	Analysis of Financial Statements	**Financial statements of a Company** - 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) Note: Exceptional items, extraordinary items and profit (loss) from discontinued operations are excluded **Financial Statement Analysis** - Meaning, Significance Objectives, importance and limitations. **Tools for Financial Statement Analysis** Comparative statements, common size statements, Ratio analysis, Cash flow analysis. **Accounting Ratios** - Meaning, Objectives, Advantages, classification and computation.	**12**

		• Liquidity Ratios: Current ratio and Quick ratio. • Solvency Ratios: Debt to Equity Ratio, Total Asset to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Debt to Capital Employed Ratio. • Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover 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	
	CASH FLOW STATEMENT	• **Meaning, objectives, Benefits, Cash and Cash Equivalents, Classification of Activities and preparation** (as per AS 3 (Revised) (Indirect Method only) Note: (i) Adjustments relating to depreciation and amortization, profit or loss on sale of assets including investments, dividend (both final and interim) and tax. (ii) Bank overdraft and cash credit to be treated as short term borrowings. (iii) Current Investments to be taken as Marketable securities unless otherwise specified	**8**
TOTAL			**80**

Project Work
One specific project based on financial statement analysis of a company covering any two aspects from the following:
1. Comparative and common size financial statements
 2. Accounting Ratios
3. Segment Reports
 4. Cash Flow Statements

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CLASS: XII
SUBJECT: BUSINESS STUDIES (054)
SYLLABUS- 2025-2026
DISTRIBUTION OF SYLLABUS AS PER EXAMS

EXAMINATION	UNIT/CHAPTER/TOPIC	SUB TOPIC	weightage
HALF YEARLY	Unit 1: Nature and Significance of Management	Management - concept, objectives, and importance Management as Science, Art and Profession Levels of Management Management functions-planning, organizing, staffing, directing and controlling Coordination- concept and importance	
	Unit 2: Principles of Management	Principles of Management - concept and significance Fayol's principles of management Taylor's Scientific management - principles and techniques	30
	Unit 3: Business Environment	Business Environment- concept and importance Dimensions of Business Environment - Economic, Social, Technological, Political and Legal Demonetization - concept ad features	
	Unit 4: Planning	Planning: Concept, importance and limitation Planning process Single use and Standing Plans. Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme	
	Unit 5: Organising	Organising: Concept and importance Organising Process Structure of organisation-functional and divisional concept. Formal and informal organization – concept Delegation: concept, elements and importance Decentralization: concept and	25

	Unit 11: Marketing	importance Marketing – Concept, functions and philosophies Marketing Mix – Concept and elements Product – branding, labelling and packaging – Concept Price - Concept, Factors determining price Physical Distribution – concept, components and channels of distribution Promotion – Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations	25
	Unit 12: Consumer Protection	Consumer Protection: Concept and importance The Consumer Protection Act, 2019: Source: http://egazette.nic.in/WriteReadData/2019/210422.pdf Meaning of consumer Rights and responsibilities of consumers Who can file a complaint? Redressal machinery Remedies available Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)	
TOTAL			80

COMMON PRE BOARD	Chapter/Unit/Topic	SUB TOPIC	Weightage
	Unit 1: Nature and Significance of Management	Management - concept, objectives, and importance Management as Science, Art and Profession Levels of Management Management functions-planning, organizing, staffing, directing and controlling Coordination- concept and importance	16
	Unit 2: Principles of Management	Principles of Management - concept and significance Fayol's principles of management Taylor's Scientific management - principles and techniques	
	Unit 3: Business Environment	Business Environment- concept and importance Dimensions of Business Environment - Economic, Social, Technological, Political and Legal Demonetization - concept ad features	

	Unit 4: Planning	Planning: Concept, importance and limitation Planning process	
		Single use and Standing Plans. Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme	
	Unit 5: Organising	Organising: Concept and importanceOrganising Process	14
		Structure of organisation- functional and divisional concept. Formal and informal organization – concept	
		Delegation: concept, elements and importance Decentralization: concept and importance	
	Unit 6: Staffing	Staffing: Concept and importance of staffing Staffing as a part of Human Resource Management concept Staffing process Recruitment process Selection – process Training and Development - Concept and importance, Methods of training - on the job and off the job - vestibule training, apprenticeship training and internship training	20
	Unit 7: Directing	Directing: Concept and importance Elements of Directing Motivation - concept, Maslow's hierarchy of needs, Financial and non-financial incentives Leadership - concept, styles - authoritative, democratic and laissez faire Communication - concept, formal and informal communication; barriers to effective communication, how to overcome the barriers?	
	Unit 8: Controlling	Controlling - Concept and importance Relationship between planning and controlling Steps in process of control	
	PART B		
	Unit 9: Financial Management	Financial Management: Concept, role and objectives Financial decisions: investment, financing and dividend - Meaning and factors affecting Financial Planning - concept and importance Capital Structure – concept and factors affecting capital structure • Fixed and Working Capital - Concept and factors affecting their requirements	15
	Unit 10: Financial Markets	Financial Markets: Concept Money Market: Concept Capital market and its types (primary and secondary) Stock Exchange - Functions and trading procedure Securities and Exchange Board of India (SEBI) -	

	Unit 11: Marketing	objectives and functions Marketing – Concept, functions and philosophies Marketing Mix – Concept and elements Product – branding, labelling and packaging – Concept Price - Concept, Factors determining price Physical Distribution – concept, components and channels of distribution Promotion – Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations	15
	Unit 12: Consumer Protection	Consumer Protection: Concept and importance The Consumer Protection Act, 2019: Source: http://egazette.nic.in/WriteReadData/2019/210422.pdf Meaning of consumer Rights and responsibilities of consumers Who can file a complaint? Redressal machinery Remedies available Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)	
	PROJECT WORK	. Project One: Elements of Business Environment II. Project Two: Principles of Management III Project Three Stock exchange (ANY ONE)	20
	TOTAL		100

CLASS: XII
SUBJECT: Painting

TEXTBOOKS:
1. Full mark (history of Indian art)
2. Practical (studio practice)

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
HALF YEARLY	Unit 1 The Rajasthani	1. Origin and Development 2. Sub-Schools-Mewar, Bundi, Jodhpur, Bikaner, Kishangarh and Jaipur 3. Main features of the Rajasthani School 4. Appreciation of the following Rajasthani paintings--- Maru-Ragini Chaugan Players Krishna on swing Radha (Bani- Thani) Bharat Meets Rama at Chitrakuta	15
	Pahari Schools of Miniature Painting	1. Origin and development 2.Sub-Schools-Basohli, Guler, Kangra, Chamba and Garhwal 3.Main features of the Pahari School 4. Appreciation of the following Pahari paintings:	

		Krishna with Gopis Krishna with Kinsmen Going to Vrindavana	
	Unit 2 The Mughal	1. Origin and development 2.Main features of the Mughal School 3.Appreciation of the following Mughal Paintings: Krishna Lifting Mount Govardhana Falcon on a Bird-Rest Kabirand Raidas Marriage Procession of Dara Shukoh	15
	Deccan Schools of Miniature Painting	1.Origin and development 2.Main features of the Deccan School 3.Appreciation of the following Deccan paintings: Hazrat Nizamuddin Auliya and Amir Khusro Chand Bibi Playing Polo (Chaugan)	
	Practical	● Drawing water colour and poster colour introduction (still life and nature study) ● Human figure composition based on daily life ● Portfolio Assessment	25 25 20
TOTAL MARKS	Theory - 30 Practical - 70		100

EXAMINATION	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
ANNUAL	**Unit 3** **The Bengal School of Painting and the Modern trends in Indian Art** (About the beginning to mid of the 20th century)	National Flag of India and the Symbolic significance of its forms and the colours. Introduction to the Bengal School of Painting (i) Origin and development of the Bengal School of Painting (ii) Main features of the Bengal School of Painting Appreciation of the following paintings of the Bengal school: (i) Journey's End – Abanindranath Tagore (ii) Shiv and Sati- Nandla Bose (iv) Radhika - M.A.R.Chughtai (v) Meghdoot - Ram Gopal Vijaivargiya Contribution of Indian artists in the struggle for National Freedom Movement.	15
	The Modern Trends in Indian Art Appreciation of the following contemporary (Modern) Indian Art	**Paintings:** (i) Rama Vanquishing the Pride of the Ocean – Raja Ravi Varma (ii) Mother and child – Jamini Roy (iii) Haldi Grinders - Amrita Sher Gill (iv) Mother Teresa - M.F.Husain **Graphic - prints:** (i) Children – Somnath Hore (ii) Devi – Jyoti Bhatt (iii) Of Walls - AnupamSud (iv) Man, Woman and Tree - K. Laxma Goud **Sculptures:** (i) Triumph of Labour - D. P. Roy chowdhury (ii) Santhal Family - Ramkinkar Vaij	15

		(iii) Cries Un - heard – Amar Nath Sehgal (iv) Ganesha - P.V. Janaki Ram	
	practical	● Poster colour still life and nature study Studies on the basis of exercises done in class XI with two or three objects and two draperies (in different colours) for background and foreground. Exercises in pencil with light and shade and in full colour from a fixed point of view. ● Human figure composition based on daily life. Imaginative painting based on subjects from Life and Nature in water and poster colours with colour values. ● Portfolio Assessment Record of the entire year's performance from sketch to finished product.	25 25 20
TOTAL MARKS	Theory - 30 Practical - 70		100