BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA, NEW DELHI

CURRICULUM

SUBJECT : ENGLISH **SESSION: 2025- 2026**
TEXT BOOKS: FLAMINGO **CLASS XII**
VISTAS
TEACHER NAME: SAVINDER KAUR

TERM I					
MONTH	**CONTENT**	**OBJECTIVES**	**METHODOLOGY**	**EXPECTED LEARNING OUTCOMES**	**ACTIVITIES**
MARCH/APRIL	1. My Mother at Sixty Six 2. The Last Lesson 3. Notice Writing	To develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language. To develop flair writing and usage of language	Reading, Recitation, Discussion and Recapitulation Discussion, Practice	Students will develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language**.** Students will develop flair of writing	1.Recapitulation Tests 2. Practise writing answers of the questions from the text books and different sample papers of previous years 1.Recapitulation Tests 2. Practise writing referring to books and different sample papers of previous years.
MAY	1. The Tiger King 2. The Enemy 3. Deep Water 4. Letter to the Editor 5. Formal and Informal Invitations and Their Replies	To develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language To develop flair writing and usage of language	Reading, Recitation and Discussion and Recapitulation Discussion, Practice	Students will develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language Students will develop flair of writing.	1.Recapitulation Tests 2. Practise writing answers of the questions from the text books and different sample papers of previous years Recapitulation Tests 2. Practise writing referring to books and different sample papers of previous years.
JULY	**REVISION AND PERIODIC TEST I**				

JULY	1. Lost Spring 2. Keeping Quiet 3. Article Writing 4. Third Level 5. Poets and Pancakes	To develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language	Reading, Recitation and Discussion and Recapitulation	Students will develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language	1.Recapitulation Tests 2. Practise writing answers of the questions from the text books and different sample papers of previous years
AUGUST	1. Aunt Jennifer's Tigers 2. Journey to the end of earth. 3. Going Places 4. The Interview. MID-TERM EXAM	To develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language To develop flair writing and usage of language	Reading, Discussion and Recapitulation Discussion, Practice	Students will develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language Students will develop flair of writing	1.Recapitulation Tests 2. Practise writing answers of the questions from the text books and different sample papers of previous years. Practise writing referring to books and different sample papers of previous years.

SEPTEMBER	1. The Rattrap 2. Indigo 3. Report Writing 4. Road side stand	To develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language To develop flair writing and usage of language	Reading, Discussion and Recapitulation Discussion, Practice	Students will develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language Students will develop flair of writing	1.Recapitulation Tests 2. Practise writing answers of the questions from the text books and different sample papers of previous years. Practise writing referring to books and different sample papers of previous years.
OCTOBER	1. On the Face of It 2. A thing of Beauty 3. Letter of Application for a Job 4. Memories of childhood. ALS & REVISION	To develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language To develop flair writing and usage of language Students are expected to develop the ability to: • listen to lectures and talks and to be able to extract relevant and useful information for a specific purpose. • listen to news bulletins and to develop the ability to discuss informally a wide ranging issues like current national and international affairs, sports, business, etc. • respond in interviews and to participate in formal group	Reading, Discussion and Recapitulation Discussion, Practice Conducting listening tests in prescribed format Students will be given current topics to speak on them They will discuss and solve a problem posed to them	Students will develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language Students will develop flair of writing Students will be able to listen to a paragraph read out to them and answer questions based on it Students will be able to express ideas fluently with correct pronunciation.	Students will develop the aptitude for literary appreciation; to develop global comprehension of literature and usage of language Practise writing referring to books and different sample papers of previous years. Activities for listening and speaking will be conducted on prescribed CBSE format for developing listening and speaking skills of students.

		discussions. • make enquiries meaningfully and adequately and to respond to enquiries for the purpose of travelling within the country and abroad.			
DECEMBER	**PRE BOARD –I EXAMINATION**				
JANUARY	**PRE BOARD –II** **&** **REVISION**				
FEBRUARY	**PROJECT** **&** **REVISION**				
MARCH - APRIL	**FINAL BOARD EXAMINATION**				

SUBJECT TEACHER- SAVINDER KAUR

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR – 5, DWARKA, NEW DELHI-110075
CURRICULUM

SUBJECT : PHYSICS **CLASS : XII**
TEXT BOOK- NCERT **SESSION : 2025-26**
SUBJECT TEACHER : Mr. Shailendra Kumar

Months	Unit	Topic	Objective	Methodology	Expected learning out comes	Activities/ Practical
MARCH-APRIL	Electrostatics	Electric Charge, Coulomb's law, electric field & electric dipole, electric flux gauss's theorems its applications. Electric potential due to point charge & electric dipole conductor, insulator, dielectric. Capacitance & capacitor	To make the students understand basic concerts of charge	Lecture cum demonstration method with practice problems.	Students would be able to understand the application of electric field potential and use of capacitor	To find resistance per cm using ammeter & voltmeter by plotting the graph To find specific resistance of a wire using meter bridge.
MAY	Current electricity Magnetic effect of current and magnetism	Drift velocity ohm's law resistance resistivity & factors affecting them E.M.F. of cell, Kirchhoff's laws its applications potentiometer Magnetic fields oersted's expt. Biot savarts law its application Moving charge Force between two parallel conductor carrying current Torque due to a current carrying coil in uniform magnetic field & moving coil galvanometer	To make the students understand the basics of current its effects & applications in daily life	Lecture cum demonstration method with problems practice	Students would be able to understand current draft velocity and they can apply. Kirchhoff's law to solve simple and complex circuit	To verify the laws of series and parallel combination of resistances. To find resistance of galvanometer by half defection are throw.
JULY	Magnetism & Matter	Current loop as a magnetic dipole & its magnetic moment, Bohr magneton,	To make the	Lecture cum	Students should be able to classify different types magnetic	

		Magnetic dipole, Magnetic elements of earth **PERIODIC TEST -1**	students understand the earth's magnetic field and magnetic materials.	discussion method with practice problems.	materials and should be able to understand the cause of earth's magnetism.	
AUGUST	Alternating current and Electromagnetic induction Ray Optics	Peak value and RMS. Value of A.C; reactance, impedance, LCR circuit condition of resonance wattless current AC generator & transformer EMI Faradenjs laws of EMI Lentz law, Eddy current self and mutual induction. Reflection of light, Mirror formula, refraction,TIR its applications, Lens formula, Lens Makers formula power & combination of lenses, Dispersion of Light scattering of light. Microscope & Astronomical telescope (reflecting & refracting).	To make the students understand the concept of AC and To make the students understand the basic concepts of light as well as different properties of light & their applications in daily life. its applications	Lecture cum discussion method with practice problems	1. Student would be able to understand A.C uses. Phase relationship b/w current & voltage when A.C passes through different electrical components. Students would be able to explain the A.C generator and transformer and energy loss Students would be able to understand reflection, refraction, diffraction, interference	To compare E.M.F of two primary cells & to find internal resistance of a cell using potentio meter. To find Frequency of A.C using sonometer .
SEPTEMBER	Wave optics & E.M Waves	Huygens's principle, explanation of reflection & refraction on basis of Huygens principle, Interference, diffraction and polarization of light. E.M waves Basic idea of displacement current, Electromagnetic spectrum **MID TERM EXMAINATION**	To make the students understand the basic concept of EM waves	Lecture cum demonstration method with problem practice	Student would be also able to explain how to use microscope & Telescope	To find focal length of concave mirror & convex lens using optical bench.
October						

	Dual nature of matter and radiation Atom & nucleus	Dual Nature of matter and radiation photo electric effect matter waves, wave nature of particles, de-Broglie wave, Davisson-Germer expt. Alpha-scattering expt. Rutherford's atomic model, Bohr model, energy level, hydrogen spectrum, Nucleus, Alpha, beta & gamma rays their properties Radioactively Binding energy, mass defect, Nuclear fission and fusion.	To make the students understand the Structure of atom and Composition of nucleus.	Lecture cum discussion method with problem practice	Students would be able to understand the structure of atoms & nucleus and can explain Atomic model and nuclear force	To find refractive index of glass using travelling microscope. To find refractive index of water with the help of convex lens and plane mirror.
	Electronic device	Energy bands in conductor semi conductor p-n Junctions, Junction transistor basic idea of analog and digital signals logic gates.	To make the students understand the semiconductor P-N junction, Junction transistor & their use.	Lecture cum discussion method with problem practice	Students would be able to understand different types of diode & its practical application is daily life.	To draw characteristic curv of P-N Junction diode in forward and reverse bias
NOVEMBER	REVISION FOR PREBOARD-1 EXAMINATION					
DECEMBER	PRE BOARD-1 EXAMINATION					
JANUARY	PRE BOARD-2 EXAMINATION					
FEBRUARY	BOARD EXAMINATION					
MARCH	BOARD EXAMINATION					

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA, NEW DELHI -75
CURRICULUM

SUBJECT: CHEMISTRY **CLASS XII**

TEXT BOOK: NCERT **SESSION: 2025-26**

TEACHERS NAME: Ms. MEETALI SINGHAL

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES /PRACTICALS
MARCH	**1.Solutions:** Types of solutions, solubility of gases in liquids, Henry's law, Raoult's law, ideal and non ideal solutions, colligative properties and abnormal molar masses, Vant Hoff factor	To make students understand and apply colligative properties and laws.	1.Discussion method 2. Use of interactive screens 3. Lecture Demonstration method 4. Problem solving 5. Competency based problems	Students would be able to explain different concepts and solve numericals based on them.	1.Paper Chromatography 2. Tests for functional groups
APRIL	**2.Haloalkanes and Haloarenes** Haloalkanes: Nomenclature, nature of C-X bond, preparation, properties, optical rotation mechanism of substitution reactions, Haloarenes: Nature of C-X bond, substitution reactions, directive influence in monosubstituted compounds only, uses and environmental effects of CH_2Cl_2, $CHCl_3$, CCl_4, Freons, CHI_3 and DDT	To make students understand the basics of organic chemistry and their application to halogen containing organic compounds.	1.Discussion method 2. Use of interactive screens 3.Flow Charts 4. Printed worksheets (problem solving) 5. Reasoning and explanation 6. Competency based problems	Students would be able to write all chemical equations and explain the mechanisms involved.	3.Determination of molarity of given $KMnO_4$ solution by titrating it with standard Mohr's salt solution.

	3. Alcohols, Phenols and Ethers: Nomenclature, preparation, properties of primary alcohols, phenols and ethers, Identification of primary, secondary, and tertiary Alcohols, mechanism of dehydration, Uses with special reference to Ethanol and Methanol. Electrophilic substitution and acidic nature of phenol, uses of phenols and ethers.	To make students understand the reactions of compounds containing hydroxyl and etheral groups.	1.Discussion method 2. Use of interactive screens 3.Flow chart method 4. Printed worksheets (problem solving) 5. Reasoning n explanation 6. Competency based problems	Students would be able to write all chemical equations and explain the mechanisms involved.	4.Determination of molarity of given $KMnO_4$ solution by titrating it with standard oxalic acid soln.
MAY	**4.Aldehydes, Ketones and Carboxylic acids** Nomenclature, structure of C==O bond, preparation, properties and uses of aldehydes, ketones and carboxylic acids. Mech of nucleophilic addition, reactivity of alpha H in aldehydes, uses, acidic nature of carboxylic acids.	To make students understand the reactions of compounds containing C==O and COOH groups and mechanisms.	1.Discussion method 2. Use of interactive screens 3.Flow Chart method 4. Printed worksheets (problem solving) 5. Reasoning n explanation 6. Competency based problems	Students would be able to write all chemical equations and explain the mechanisms involved.	
JULY	**PERIODIC TEST 1**				
JULY	**5.Organic compounds containing Nitrogen** Structure, classification, nomenclature, preparation, properties of amines, distinction between primary, secondary and tertiary amines Diazonium salt: Preparation, chemical reactions and	To make students understand the reactions and mechanisms.	1.Discussion method 2. Use of interactive screens 3.Flow Chart method 4. Printed worksheets (problem solving) 5. Reasoning n explanation 6. Competency based	Students would be able to write all chemical equations and explain the mechanisms involved	5.To test the presence of carbohydrates, fats and proteins in pure samples and their detection in given food stuffs

	importance in chemistry **Interconversions related to chapter 10 to 13** Ascent and descent of series, important reactions.	To make students understand the methods of interconversions	problems 1.Problem solving 2. Study assignment (worksheets) 3. Competency based problems	Students would be able devise a route for converting a given organic compound to other comp.	
AUGUST	**6.Electrochemistry** Redox reactions, EMF of cell, standard electrode potential, Nernst equation and its application to cells, relation b/w Gibbs energy change and EMF, conductance in electrolytes, specific and molar conductivity, variation of conductivity with conc. , Kohlrausch's law, electrolysis and laws of electrolysis, dry cell-electrolytic cells and galvanic cells, lead accumulator, fuel cell and corrosion.	To make students understand different concepts of electrolysis and electrochemical cells	1.Discussion method 2. Use of interactive screens 3.Lecture demonstration method 4. Printed worksheets (problem solving) 5. Reasoning n explanation 6. Competency based problems	Students would be able to explain different concepts and solve numericals based on them.	6. Salt Analysis
	7. Chemical Kinetics Rate of reaction, factors, order, molecularity, rate law, specific rate constant, integrated rate equation and half life for zero and first order reactions, collision theory (elementary idea no derivation), Activation energy, Arrhenius equation	To make students understand all terms and mechanisms involved.	1.Discussion method 2. Use of interactive screens 3.Powerpoint presentation 4. Problem solving 5. Reasoning n explanation 6. Competency based problems	Students would be able to Understand and explain all topics and solve numericals.	
SEPTEMBER	**MID TERM**				

SEPTEMBER	**8. Biomolecules** Classification (aldoses and ketoses), monosaccharides, (glucose and fructose), D-L configuration, Oligosaccharides (sucrose, Lactose, maltose), Polysaccharides (starch, cellulose, glycogen), importance, Proteins, elementary idea of amino acids, peptide bond, polypeptides, proteins, structure of proteins, denaturation, enzyme. Hormones (structure excluded), Vitamins and nucleic acids	To make students understand the structure and functions of carbohydrates, proteins and nucleic acids	1.Discussion method 2. Use of interactive screens 3.Question answer method 4. Problem solving 5. Competency based problems	Students would be able to explain different concepts	Salt analysis
OCTOBER	**9.Coordination compounds** Introduction, nomenclature, Werner's theory, VBT, CFT, structure and isomerism, colour, magnetic properties, shape, importance. **10. d and f – block elements.** Introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of first transition series—metallic character, ionisation enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic	To make students understand all terms and concepts. To discuss properties and compounds of d and f block elements.	1.Discussion method 2. Lecture demonstration 3. Use of interactive screens 4. Problem solving 5. Competency based problems 1.Discussion method 2. Use of interactive screens 3.Lecture demonstration	Students would be able to name, and explain structures of complexes according to different theories. Students would be able to understand all properties of elements group wise.	7. Investigatory Project

	properties, interstitial compounds, alloy formation, preparation and properties of Potassium dichromate and permanganate Lanthanides and actinides: electronic configuration, oxidation states, Ln contraction, consequences, comparison of Ln and An.				
NOVEMBER	**REVISION**				
DECEMBER	**PREBOARD 1 EXAMINATION**				
JANUARY	**BOARD PRACTICAL EXAMINATION**				
FEBRUARY	**ENHANCEMENT TESTS**				
MARCH	**BOARD EXAMINATION**				

SUBJECT TEACHER **COORDINATOR** **PRINCIPAL**

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA, NEW DELHI

CLASS XII

SYLLABUS (2025 -26)

SUBJECT: MATHEMATICS (041) **SESSION : 2025-26**
CLASS: XII **TEACHER'S NAME : Ms. APARNA K**
BOOKS: NCERT AND NCERT EXEMPLAR

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
MARCH	**CH: Inverse Trigonometric Functions** Definition, range, domain, principal value branches. Graphs of inverse trigonometric functions. Elementary properties of inverse trigonometric functions.	To discuss the concepts of inverse trigonometry functions, properties of functions and graphs of different functions	❖ Lecture Method ❖ Educomp ❖ Inductive Method	Students will apply their knowledge of functions to understand inverse trigonometric functions, their graphs, domain, range and properties of functions	❖ Assignments ❖ Recapitulation test ❖ Chapter review Notes
MARCH	**CH:5 Continuity and Differentiability** Introduction of Continuity, LHL RHL, Algebra of Continuous functions (addition, subtraction, multiplication, division), Introduction of Differentiability, derivatives of functions (product rule, quotient	To make students learn the concepts of continuity, differentiability, algebra of continuous functions, derivatives of various functions	❖ Lecture Method ❖ Chalk – n – talk Method	Students will enhance their knowledge by defining and analyzing limit and continuity for complex functions as well as consequences of continuity and by applying Mean Value Theorem and the Fundamental Theorem of Calculus to problems in	❖ Assignments ❖ Recapitulation test ❖ Chapter review Notes

	rule), derivatives of composite functions, implicit functions, inverse trigonometry functions, exponential functions, logarithmic functions, parametric form, second order functions.	using different methods.		the context of real analysis.	
APRIL	**CH: 6** **APPLICATION OF DERIVATIVES** Introduction, Rate of change of quantities, increasing and decreasing functions, approximations, Maxima and minima (first derivative test and second derivative test).	Students will learn the rate of change of quantities, maxima minima, increasing and decreasing functions	❖ Lecture Method ❖ Chalk – n – talk Method ❖ Discussion	Students will be able to apply derivative concepts to find tangent lines to level curves and to solve optimization problems	❖ Assignments ❖ Recapitulation test ❖ Chapter review Notes
APRIL	**CH:12** **Linear Programming** Introduction, linear programming problem, mathematical formulation of the problem, graphical method, feasible region , objective function, optimization, cost function, constraints, bounded and unbounded region, corner points, maximum and minimum values, different types of LPP (manufacturing , diet and transportation)	Students will enhance their knowledge of graphs to convert given LPP in mathematical form, converting graphically the given formulation	❖ Lecture Method ❖ Discussion Method	Students will understand how to formulate LPP from a word problem and to solve linear system , linear inequalities graphically , geometrically and algebraically	❖ Assignments ❖ Recapitulation test ❖ Chapter review Notes

MAY	**CH-1 Relation and Functions** Introduction of relation, Types of relations (reflexive, symmetric and transitive), Equivalence relation, Equivalence class, Introduction of functions, Types of function : one-one (injective), onto (surjective) , bijective, (many one) , Composition of functions, Invertible functions.	Students will be able to learn the types of relations and functions, composition of functions and binary operation	❖ Lecture Method ❖ Discussion Method	Students will be able to apply the different properties of injections, surjections, bijections, compositions and inverse functions to the given problem	❖ Assignments ❖ Recapitulation test
MAY	**CH: 3 Matrices** Introduction of matrix, order of a matrix, types of matrices(row, column, unit, null, diagonal, upper triangular, lower triangular, identity), operations of matrices (addition, subtraction, scalar multiplication, matrix multiplication),transpose of a matrix, properties of transpose, symmetric and skew symmetric matrices, elementary operation (Transformation) of a matrix (row and column operations), Invertible matrices, inverse of a matrix	To make students understand the concepts of matrices, types and operations of matrices. Transpose of matrices, elementary operation to find inverse of matrices	❖ Lecture Method ❖ Chalk – n – talk Method	Learning all concepts of matrices will enable students to identify the algorithms with which to solve mathematical problems and to use matrix algebra and the related matrices to linear transformations.	❖ Assignments ❖ Recapitulation test ❖

JUNE	**CH: 4 Determinants** Introduction of a determinant, properties of determinant, Area of triangle, Minors and Cofactors, Ad-joint of a matrix, Consistency, inconsistency and the number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables using inverse of a matrix.	Students will learn the concept of Determinants, how to find the area of triangle and solutions of system of linear equations	❖ Lecture Method ❖ Discussion Method	Students will solve system of linear equations by matrix method, will solve determinants using different methods	❖ Assignments ❖ Recapitulation test ❖
JUNE	**CH- 7 Integrals** Introduction of indefinite integrals Integration as an inverse process of differentiation, geometrical interpretation, properties of indefinite integral , methods of integration (substitution , integration using trigonometric identities, some particular functions, partial fractions, by parts) Introduction of definite integrals, limit as a sum, integrations of definite integrals, propertiesof definite integrals	Students will learn the concepts of indefinite and definite integrals, particular functions, limit as a sum, properties of definite integrals	❖ Lecture Method ❖ Chalk – n – talk Method ❖ Inductive Method	Students will enhance their knowledge of derivatives to integrals, to compute indefinite and definite integrals of algebraic and trigonometric functions using basic techniques of integration, including partial fraction, substitution, by parts etc.	❖ Assignments ❖ Recapitulation test ❖ Chapter review Notes
JULY	**CH- 7 Integrals(CONTD..)**	Students will learn the concepts of indefinite and definite integrals,	❖ Lecture Method ❖ Chalk – n – talk Method	Students will enhance their knowledge of derivatives to integrals, to compute indefinite and	❖ Assignments ❖ Recapitulation test

	Introduction of definite integrals, limit as a sum, integrations of definite integrals, properties of definite integrals **CH-8 Application of Integrals** Introduction, Area under simple curves (lines, circle, ellipse, parabola) , Area of the region bounded by a curve and a line, Area between two curves	particular functions, limit as a sum, properties of definite integrals To make students understand the concepts of area under the curves, area between two curves.	❖ Inductive Method ❖ Lecture Method ❖ Educomp	definite integrals of algebraic and trigonometric functions using basic techniques of integration, including partial fraction, substitution, by parts etc. Students will apply their pre acquired knowledge of curves to find the area under the curves or area between the two curves	❖ Chapter review Notes ❖ Assignments ❖ Recapitulation test
JULY	**PERIODIC TEST - 1**				
AUGUST	CH-9 Differential Equations Introduction, Order and degree of differential equation, general and particular solutions of a differential equation, formation of a differential equation whose general solution is given, to form a differential equation that will represent a given family of curves, methods of solving first order, first degree differential equations (variable separable, homogeneous, linear)	Students will learn the solving of different differential equations, finding solutions using different methods	❖ Lecture Method ❖ Inductive Method	Students will be able to understand the new concept of differential equations , to formulate them from equations and to solve them using different methods	❖ Assignments ❖ Recapitulation test ❖ Chapter review Notes

SEPTEMBER	CH-10 VECTORS Introduction of vectors, direction ratios, direction cosines, types of vectors(zero, unit, co-initial, collinear, equal, negative), addition of vectors, multiplication of a vector by scalar, vectors joining two vectors section formula, product of two vectors scalar (dot) product, vector (cross) product) , projection of a vector on a line.	Concepts of vectors, types of vectors, projection of vector , dot and cross product will be learnt by the students	❖ Lecture Method ❖ Discussion Method	Students will represent vectors analytically and geometrically and compute dot and cross products for presentations of lines and planes.	❖ Assignments ❖ Recapitulation test
SEPTEMBER	**MID TERM EXAMINATION**				
OCTOBER	**CH-11 Three Dimensional Geometry** Introduction, direction ratios and cosines of a line passing through two points, equation of a line in space (passing through a given point and has given direction, passing through two given points), angle between two lines, shortest distance between two lines (skew lines and parallel lines).	To find the equation of line under different conditions, Equation of planes to be calculated by students when different situations are given	❖ Lecture Method ❖ Educomp	Students will analyze characteristic and properties of two and three dimensional geometric shapes and develop mathematical arguments about geometric relationships	❖ Assignments ❖ Recapitulation test
NOVEMBER	**CH-13 Probability** Introduction, conditional probability, properties of	Concepts of conditional probability, Baye's	❖ Lecture Method	Students will be able to compute probabilities, conditional probabilities	❖ Assignments ❖ Recapitulation test

	conditional probability, multiplication theorem on probability, independent events, partition of a sample space, theorem of total probability, Baye's theorem, random variables, probability distribution of a random variable, mean of a variable.	theorem, probability distribution, Bernoulli trials will be taught	❖ Inductive Deductive Method	in appropriate ways, will analyze and interpret statistical data using Baye's theorem, probability distribution, binomial distribution	
DECEMBER	**PREBOARD - 1 EXAM**				
JANUARY-FEBRAUARY	**REVISION & ENHANCEMENT TESTS**				

SUBJECT TEACHER: MS. APARNA K

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA ,NEW DELHI
CURRICULUM

SUBJECT : BIOLOGY **SESSION: 2025-26**
TEXT BOOK : NCERT **CLASS : XII**
TEACHER : Ms. CHITRA CHAKRAVARTY

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
MARCH	UNIT VI REPRODUCTION I) SEXUAL REPRODUCTION IN FLOWERING PLANTS Flower-A fascinating organ of Angiosperms Double fertilization Post Fertilization: Structure and events. Apomixis and Polyembryony	To make them familiar with the underlying reprodutive processes in living organisms and then explain the details of this processes in flowering plants .	Lecture, Discussion Problem solving & Multimedia	After completing the unit,students would be able to • Describe the morphology, structure and the processes of sexual reproduction in angiosperms. • Answer reasoning facts on pollination and double fertilization and post fertilization events. • Understand terms like apomixes polyembryony.	• Study pollen germination on slide • Prepare a temporary mount of onion root tip to study mitosis • To observe i) Flowers adapted to pollination by different agencies (wind,insects,birds) ii) Pollen germination on stigma through permanent slide iii) Controlled pollination emasculation, tagging and bagging.

APRIL	**II) HUMAN REPRODUCTION** **Male and Female Reproductive System** **Gametogenesis Menstrual Cycle** **Fertilization and Implantation** **Pregnancy and Embryonic Development**	**To make them familiar with the underlying reprodutive processes in living organisms and then explain the details of this processes in humans.** • **To enable them to understand the reproductive events in human**	**Lecture, Discussion Awareness & Multimedia**	• **Explain terms like spermatogenesis,oogenesis,spermatids,ovulation etc.** • **Draw well labelled diagrams of male and female reproductive systems,sperm, ova etc** • **Discuss the role of Placenta during the development of embryo.**	**v) Identification of stages of gamete development,ie T.S. of Testes and T.S. of Ovary through permanent slides.** **vi) Meiosis in onion bud cell or grasshopper through permanent slides.**
	IV) REPRODUCTIVE HEALTH	• **To reflect on the related perspective on human reproductive health and how reproductive ill health can be avoided.**	**Lecture, Discussion Problem solving & Multimedia**	• **explain about Reproductive health with respect to problems and strategies.** • **Describe the various factors related to population explosion and also explain the different ways of birth control** • **State the causes of STD and explain the factors causing Infertility.**	**vii) T.S. of Blastula through permanent slides.**
	BIOLOGY IN HUMAN WELFARE **I) HUMAN HEALTH AND DISEASE** **Common diseases in**	• **To appreciate the profound contribution of Biology to human welfare** • **To enable them to**	**Lecture, Discussion Problem solving & Multimedia**	**<u>After completing the unit, students would be able to</u>** • **Explain causes,symptoms and preventive measures of few common diseases**	• **To observe** • **Common disease causing organisms like Ascaris, Entamoeba,Plasmodium,any fungus causing ringworm through permanent slides or**

	humans Immunity AIDS Cancer Drugs and Alcohol abuse	demonstrate the utility of biological knowledge in nurturing human welfare especially in health sector. • To impart knowledge of discovery of antibiotics,and synthetic plant-derived drugs, anaesthetics which have changed medical practice on one hand and human health on the other hand		• Differentiate between • Innate and acquired immunity • Vaccination and Immunization • Discuss diseases like cancer, AIDS etc • Find the devastating effects of habit forming substances like drugs, alcohol and tobacco	specimens. • Comment on symptoms of diseases that they cause.
MAY	ii) MICROBES IN HUMAN WELFARE Microbes in household products Microbes in industrial products Microbes in Sewage treatment Microbes in production of biogas Microbes as	• To appreciate the profound contribution of Biology to human welfare in perspective to microbes	Lecture, Discussion Problem solving method & Multimedia	• Understand that microbes are a very important component of life on earth and play an important role in the welfare of human society • Explain the useful aspects of microbes in diverse areas	

	Biocontrol agents **Microbes as Biofertilizers**				
JUNE -JULY	**<u>UNIT VII</u>** **<u>GENETICS AND EVOLUTION</u>** **i) PRINCIPLES OF INHERITANCE AND VARIATION** **Mendel's Laws of inheritance** **Inheritance of one gene** **Inheritance of two genes** **Sex determination** **Mutation** **Genetic disorders**	• **To experience the humbling effect ofthis realization that all living organisms are related to each other by virtue of shared genetic material.** • **To promote understanding of Basic principles of genetics.**	**Lecture, Discussion Problem solving & Multimedia**	**<u>After completing the unit,students would be able to</u>** • **Explain terms likeallele,genes, incomplete dominance,codominance linkage etc.** • **Differentiate b/w the different types of genetic disorders.** • **Answer reasoning facts on concepts based on inheritance and variation** • **Explain laws given by Mendel , chromosomal theory of inheritance** • **Analyse the pedigree chart and answer the questions based on it.** • **Find the genotypic and phenotypic ratio in the $F_1$and F2 generation.**	• **Mendelian inheritance using seeds of different colour/sizes of any plant** • **Prepared pedigree charts of any one of the genetic traits such as rolling of tongue,bloodgroups,ear lobes, widow's peak and colour blindness.**
	MOLECULAR BASIS OF INHERITANCE **The DNA** **The search for**	• **To make the students realize the structure and function of genetic material in directing**	**Lecture, Discussion Problem solving & Multimedia**	**<u>After completing the unit, students would be able to</u>** • **Explain terms like replication, transcription translation etc.**	• **Isolate DNA from available plant material such as spinach, green pea seeds, papaya etc**

	genetic material **RNA world** **Replication** **Transcription** **Genetic code** **Translation** **Regulation of gene expression** **Human Genome Project** **DNA Fingerprinting**	**the inherited phenotype pattern as well as a mediator of evolutionary process** • **To create awareness in the areas of molecular genetics ,structural biology and Bioinformatics to enrich understanding of molecular basis of evolution**		• **Differentiate between** • **DNA and RNA** • **Transcription and Translation** • **mRNA and t RNA** • **Template strand and coding strand** • **Answer reasoning facts on concepts based on molecular basis of inheritance** • **Explain various experiments conducted to find the molecular basis of inheritance** • **Describe about Human Genome project and DNA fingerprinting**	
JULY	**PERIODIC TEST I**				
AUGUST	**<u>EVOLUTION</u>** **Origin of life** **Evolution of life forms- A theory** **What are the evidences for evolution ?**	• **To appreciate and believe in the Darwinian evolutionary process exhibited by the living world.** • **To make the students realize that Biology is the story**	**Lecture, Discussion Problem solving & Multimedia**	• **Describe the various evidences in favour of evolution** • **Differentiate between homologous and analogous organs** • **Analyse Hardy Weinberg's principle and law**	**Flash cards models showing examples of homologous and analogous organs.**

	What is Adaptive Radiation **Biological Evolution Mechanism of evolution** **Hardy Weinberg principle** **A brief account of evolution** **Origin and evolution of man.**	**of the struggle of living organisms for existence & survival.**		• **Discuss evolution of man**	
	<u>UNIT IV</u> **BIOTECHNOLOGY** **I)PRINCIPLES AND PROCESSES** **Principles of Biotechnology** **Tools of Recombinant DNA Technology** **Processes of Recombinant DNA technology**	• **To make the students realize how Biotechnology (off Shoot of modern Biology) has changed our daily life as its products brought qualitative improvement in health and food production.** • **To acquaint them with the restriction enzymes,gel electrophoresis,polymerase chain reaction etc.**	**Lecture, Discussion Problem solving method & Multimedia**	• **Apply the profound contribution of Biology to human welfare** • **Understand the large scale production and marketing of products and processes using live organisms,cells or enzymes** • **Explain the use of bioreactors for large scaleproduction of antibiotics etc.** • **Know the use of restriction endonucleases,DNA ligases,appropriate plasmd or viral vectors.**	
SEPTEMBER	**MID TERM**				

OCTOBER	**ii) BIOTECHNOLOGY AND ITS APPLICATION** **Biotechnological applications in** **Agriculture Biotechnological applications in medicine Transgenic Animals Ethical issues**	• **To enable the students to understand industrial scale production of biopharmaceuticals and biological using genetically modified microbes,fungi, plants and animals**	**Lecture, Discussion Problem solving & Multimedia**	• **Explain applications of biotechnology in therapeutics,diagnostics,** • **genetically modified crops for agriculture,processedfood,biore mediation,waste treatment and energy production**	
	<u>UNIT VIII</u> **ECOLOGY** **I) ORGANISMS AND POPULATION** **Organisms and its environment Populations**	• **To enable the students to reflect on the physiochemical basis of living processes and at the same time realize the limitation of reductionalism in understanding behaviour of organisms.**	**Lecture, Discussion Problem solving & Multimedia**	**<u>After completing the chapter, students will be able to</u>** • **understand Ecology which gives us holistic approach.** • **Describe the attributes of population** • **Emphasize on various population interactions**	• **Study the plant population density by Quadrat method.** • **Study the plant population frequency by quadrat method**
NOVEMBER	**II) ECOSYSTEM** **Ecosystem-Structure and Functions,** **Productivity Decomposition, Energy flow**	• **To make them understand that ecosystem is a functional unit comprising of biotic and abiotic Components.** • **To emphasize on the**	**Lecture, Discussion Problem solving & Multimedia**	• **Understand that Ecology is the study of the relationship of living organisms with the physiochemical factors and other species of their environment.** • **Become familiar with homeostasis.**	• **Models specimen showing symbolic association in root modules of leguminous plants,Cuscuta on host, lichens.**

	Ecological pyramids sucession, **Nutrient cycling and ecosystem servicesl**	**four functions of an ecosystem** • **To make them understand that biotic community is dynamic and undergoes changes with the passage of time** • **To emphasize on healthy ecosystems which are the base for a wide range of economic,environmental and aesthetic goods** • **and services.**		• **Recognize population ecology as an important area of ecology**	
	III) BIODIVERSITY AND CONSERVATION **Biodiversity** **Biodiversity conservation**	• **To create awareness amongst the learners about diversity in the living organisms and develop respect for other living organisms.**	**Lecture, Discussion & Multimedia**	• **understand diversity at genetic, species and ecological level.** • **Recognize conservation efforts aimed at protecting diversity at all these levels.** • **Explore the pattern of species diversity on earth.** • **Understand ex situ and in situ way of conservation**	

DECEMBER	**PREBOARD EXAMINATION I**
JANUARY	**PREBOARD EXAMINATION II**
FEBRUARY	**REVISION**
MARCH-APRIL	**BOARD EXAMINATION**

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI

CURRICULUM

SUBJECT : COMPUTER SCIENCE **CLASS : XII**
TEXT BOOK : NCERT **SESSION : 2025-26**
TEACHERS NAME: Ms. ANUPAMA SRIVASTAVA

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
MARCH & APRIL	**Database Management** • Relational databases: Idea of a database and the need for it, relations, keys, primary key, foreign key; use SQL commands DDL and DML.. • SQL commands: Constraints and join; • Nuclear and Aggregate functions	• To know about the fundamental concepts of database and SQL commands . • Students will learn more about SQL commands and aggregate functions like having, group by, order by clause. Equi Join, Natural Join , cartesian product.	Discussion and Practical	• Students will apply their knowledge of SQL commands to create database, insert values in the table, delete , update and select the records from the database.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
MAY	**Programming and Computational Thinking-2** • Interface of Python with an SQL database. • Functions of Python programming,	• Students will learn - Connecting SQL with Python • Types and scope of Functions in Python	Discussion and Practical	• Students will be able to connect Front end –Python with Back end – SQL for making real life projects. • Students would learn types of function, arguments and parameters, scope of a variable.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**

JULY	**Programming and Computational Thinking-2** • Data file handling	• To implement opening, closing, reading and writing in Text, Binary and CSV file.	Discussion and Practical	They will learn how to read, write and append text and binary files using Data file handling concept	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
JULY PERIODIC TEST - I					
AUGUST	• Python libraries • Data-structures : Stack **Computer Networks** • Structure of a network • Network Devices • Network Stack • Network Topologies • Security Concepts • E-commerce	• Students will learn to create and import Python libraries • Students would be able to check performance measurement in terms of the number of operations in Stack • To know about the Structure and types of network. Devices like NIC, hub , switch etc.	Discussion and Practical	Students will be able to understand the concept two Data Structures – Stacks and Queues and their implementation in Python using Lists. Students will get a basic understanding of origin of computer networks, network stack, basic network hardware, basic protocols and basic tools.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
SEPTEMBER	• REVISION	• REVISION	Discussion and Practical	• REVISION	❖ **Recapitulation test** ❖ **Assignments**
MID TERM					
OCTOBER	• Project Work	Students can use a wide variety of Python libraries to create user friendly applications .	Discussion and Practical	Students will be able to make games, software for their school, software for their disabled fellow students, and mobile applications.	❖ **Recapitulation test** ❖ **Assignments**

NOVEMBER	**REVISION**
DECEMBER	**PRE BOARD-I**
JANUARY	**PRE BOARD-II**
FEBRUARY-MARCH	**FINAL EXAM**

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI-75

CURRICULUM

SUBJECT: PSYCHOLOGY **CLASS: XII**

TEXT BOOK: NCERT **SESSION: 2025-26**

TEACHERS NAME: SHUBHAM DHIR

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES/PRACTICALS
APRIL	CH-1 Variations in psychological attributes	To study how people differ with respect to intelligence and aptitude.	Discussion PPT Videos	• The students will be able to understand the classification of people on the basis of categories of intelligence.	• Class Notes • Worksheets • Case studies • Sample Papers • Practicals
MAY	CH-2 Self and Personality	• To study self and personality in the context of different approaches in an effort to appraise the person.	Lecture, Discussion and Multimedia	• The students will be able to understand various theories of personality. • They will learn the methods of assessment of personality.	• Practicals • BOARD WORKSHEETS • QUIZZES APP
JULY	CH-3 Meeting life Challenges	• Nature of stress and strategies to cope with stress. **PERIODIC TEST I**	Lecture, Discussion and Multimedia	• The students will learn types of stress, effects of stress and effect of	• ASSINGMENT AND PRACTICALS • COLLABORATIVE ACTIVITIES

				stress on immune system.	• NCERT ACTIVITIES
AUGUST	CH-4 Psychological Disorders	Discuss the concepts of normality and major psychological disorders.	Lecture, Multimedia, Discussion	• The students will understand what causes abnormal behaviour. • They will understand in detail a variety of psychological disorders.	• Handouts • worksheets
SEPTEMBER	CH-5 Therapeutic Approaches	To learn various therapeutic approaches, their application in varieties of disorders. **MID TERM**	Lecture and Discussion	• The students will be able to learn various approaches to healing. • They will also learn to apply few techniques in their life.	• Assignment • Analysis of behaviour • Role Play
OCTOBER	CH-6 Attitude and Social Cognition	Formation and change of attitudes and conditions influencing pro-social behaviour.	Lecture and Discussion	• The students will understand the concept of attitude, stereotypes and prejudice. • They will also understand the strategies to minimize prejudice and stereotypes.	• Practicals • Class Notes • Case studies and real-life examples. • Worksheets • Sample papers

	CH-7 Social Influence and Group Processes	To study the concept of group, its functions and dynamics of social influence processes.	Lecture and Discussion PPT VIDEOS QUIZZES APP	• They will understand why do people join groups. • They will also learn what makes people work in groups and why people not perform optimum.	• Class Notes • Case studies and real-life examples. • Worksheets • Sample papers
NOVEMBER AND DECEMBER		**PERIODIC TEST II**			
JANUARY		**PREBOARD**			
FEBRUARY		**ENHANCEMENT TEST**			
MARCH		**FINAL EXAMINATION**			

SUBJECT TEACHER: Ms SHUBHAM DHIR, PGT Psychology

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI

CURRICULLUM XII

SUBJECT : Accountancy **SESSION: 2025-2026**

TEXT BOOK: NCERT

TEACHERS NAME: Manoj Kumar

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
April/March	1.Fundamentals of partnership Features, Partnership Deed,fixed v/s fluctuating capitals, division of profits, pastadjustments, guarantee of profits	To gain knowledge of features of Partnership, preparation of Profit and loss appropriation account, partners capital account, current account, Passing adjustment entry relating to rectification of past adjustments, adjustment relating to guarantee of profit	Practical and Discussion	After completing the topics students will be able to describe the meaning of partnership, partnership deed Develop the skill of preparation of profit and loss appropriation account Develop the understanding of preparation of profit and loss appropriation account in case of guarantee of profits Develop the understanding and skill of making past adjustments.	Assignments and text book

APRIL	1.Valuation of goodwill Avg profit method, super profit method, capitalisation method Writing accounting equation 2Change in profit sharing ratio Sacrificing ratio, gaining ratio, revaluation of assets and liabilities, treatment of reserves	To gain knowledge of valuation of goodwill by different methods, nature of goodwill and factors affecting goodwill To develop the understanding of accounting of revaluation of assets and liabilities and treatment of reserves and accumulated profits,. Preparation of revaluation account and Balance Sheet. Calculation of net effect and passing single entry	Chalk and talk Lecture and practical	After completing the topic students will be able to state the meaning ,nature and factors affecting goodwill Develop the understanding and skill of valuation of of goodwill using different methods. Develop the understanding of accounting treatment of revaluation of assets and liabilities , preparation of revaluation account, partners capital account and Balance sheet State the meaning of sacrificing ratio, gaining ratio and change in profit sharing ratio among existing partners	Assignment and text book questions along with recapitulation test Assignment and text book questions
MAY	3. Admission of a partner New ratio sacrificing ratio and treatment of goodwill prepration of revaluation account, partners capital account and balance sheet	To develop the understanding of accounting of revaluation of assets and liabilities and journal entries regarding treatment of goodwill, preparation of partners capital account and balance sheet of new firm	Chalk and talk	After completing the topic students will be able to develop the understanding of calculating new ratio treatment of goodwill, Preparation of revaluation account, partners capital account and balance sheet of new firm	Recapitulation tests and text book questions
MAY	1.Admission of a	To develop the	Lecture and	After completing the topic	Assignments

	partner Capital Adjustments 2.Retirement of a partner Calculation of new ratio and gaining ratio, preparation of revaluation account, partners capital account and balance sheet after retirement Capital Adjustments	knowledge of solving questions relating to Journal entries in Long Questions To develop the understanding of accounting treatment of goodwill, revaluation of assets and liabilities adjustment of accumulated profits and reserve on retirement of a partner	practical Practical and discussion	students will be able to develop skill of passing journal entries of Revaluatiom account Partners Capital Accounts in case of capital adjustments After completing the topic students will be able to develop understanding ;of passing journal entries in case of goodwill, accumulated profits and reserve, preparation of revaluation account, partners capital account and balance sheet of new firm in case of retirement of a partner, making capital adjustments	Text book questions Assignments and recapitulation sheets
JULY	PERIODIC TEST 1				
JULY	Remaining part of Retirement of a Partner Issue of Shares at Par Issue of Shares at Premium		Chalk and Talk Theory and Discussion	After completing the topic students will be able to understand the concept of issue of shares at par and issue of shares at premium	Theory and text book questions
AUGUST	Issue of shares Issue of shares for	To acquire knowledge of meaning of share,	Practical and discussion	After completing the topic students will develop	Assignments and text book

	cash/other than cash. Forfeiture and reissue of shares, balance sheet presentation of share capital, pro-rata allotment	private placement, ESOP Develop understanding of accounting treatment of issue of shares for cash/other than cash, forfeiture and reissue of shares Describe the presentation of share capital in the balance sheet of the company as per Schedule III part I of the Companies Act 2013 Develop understanding of concept of pro rata allotment		understanding of different tyepes of shares, recording journal entries when shares are issued for cash/other than cash Passing journal entries at the time of forfeiture and reissue of shares Develop skill of balance sheet presentation of shre capital as per Schedule III Part I of Companies Act 2013 Passing of journal entries in case of pro-rata allotment of shares	questions
September	1Financial Statement of a Company Format of balance sheet and statement of Profit and Loss 2 Financial Statement Analysis	To develop knowledge of various headings and sub headings of Balance Sheet and Headings of Statement of Profit and Loss	Chalk and talk Practical and discussion	After completing the topic students will be able to remember items to be recorded in various headings and sub headings in Balance Sheet and Statement of Profit and Loss After completing the topic students will be able to understand meaning of Tools an techniques of Financial Statement Analysis, horizontal	Text book questions along with recapitulation tests Theory and Discussion

	Mid term Examination			and vertical analysis, users of financial statement analysis, limitations of financial statement analysis	
OCTOBER	1. Ratio analysis Solvency ratios, liquidity ratios, turnover ratios, profitability ratios 2 Cash Flow Statement Operating activities, Investing and financing activities	To gain understanding of measuring different types of ratios to access the performance of the company To gain knowledge of meaning of operating investing and financing activities. Preparation of cash flow statement as per AS-3 (Revised)	Practical and discussion Chalk and talk	After completing the topic students will be able to calculate short term and long term solvency ratios, turnover ratios and profitability ratios After completing the topic students will be able to calculate cash flow arising from operating, investing and financing activities and preparation of cash flow statement with adjustments.	Assignments and recapitulation tests along with text book questions Assignment and text book questions and recapitulation test

			Practical and Discussion		Assignment and recapitulation sheet
NOVEMBER	Issue of Debentures For cash for consideration other than cash, from the point of view of redemption, collateral securities,writing off discount	To gain knowledge regarding passing of journal entries for issue of debentures for cash for consideration other than cash, from redemption point of view,entries of writing off discount/loss	Chalk and Talk	After completing the topic students will be able to explain the accounting treatment of transactions related to issue of debentures, develop understanding of writing off discount/loss, understand the concept of collateral security	Text book Questions and own examples
	Death of a Partner	To gain understanding of calculation of claim of deceased partner By preparing deceased partners capital and executors account	Discussion and Practical	After comleting the topic students will be able to acquire the skills of calculation of deceased partners share of claim till the date of his death and prepare deceased partners capital account	Theory and text book questions
	Dissolution of Partnership Firm Realisation account, Partners capital and Bank account	To develop understanding of prepration of realisation account partners capital	Chalk and talk	Understand the situations under which a partnership firm can be dissolved. Develop the understanding of prepration of realisation	Theory assignments and text book questions

		account an bank account when partnership firm is dissolved		**account, partners capital account and Bank account**	
DECEMBER	**Pre Board -1**				
JANUARY & FEBRUARY	**Pre Board - 2**				
MARCH	**BOARD EXAMINATION**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA ,NEW DELHI -75
CURRICULUM

SUBJECT : BUSINESS STUDIES(054) **CLASS XII**
TEXT BOOK: NCERT **SESSION: 2025-26**
TEACHERS NAME: MS.SAKSHI VIRMANI

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
MARCH	1.Nature &Significance of Management. Management-Concept, Objectives, Importance. • Management as a Science, Art, Profession. • Levels of Management. • Management functions-Planning ,Organizing, Staffing, Directing &Controlling • Coordination-characteristics & importance.	To make students understand the concept of management, its functions, role.	Discussion, lecture, Multimedia.	Students would be able to explain the concept, nature of management in detail.	Assignments.

APRIL	2.Principles of Management- Concept, nature &Significance • Taylor`s principles of scientific management & techniques. Fayol's principles of Management.	To make them understand principles of management, their significance	Discussion, lecture, Multimedia	They will be able to recognize Fayol and Taylor's principles	Assignments
MAY	3.Business Environment •Business Environment-Importance. • Dimensions of Business Environment.-Economic, Social, Technological, Political & Legal • Demonetization (Concept and Feature) • Economic Environment in India. • Impact of Government policy. 4. Marketing Management • Marketing-Concept, functions and role, marketing & Selling. • Marketing Management philosophies.• Marketing Mix-elements. • Product-nature, classification, branding, labeling & packaging. • Price-Factors determining fixation of price. • Physical distribution: Elements, Channels of Distribution: types, function, and choice of channels.	The concept of BusEnvt, its dimensions and affecton business will be made clear. Student will understand the concept of mktng. They will be able to understand different mktng philosophies Students will be able to describe in detail various elements of marketing mix and various factors affecting them.	Question-Answer method, Discussion, Multimedia. Question-Answer method, Discussion, Multimedia	Concept of Business Environment, its importance, dimensions. concept like demonetization Students would be able to know the concept of 4P's and their elements in detail. How each factor affect the market. They will be able to understand the concept of marketing.	Assignments Project on Marketing for Board Practical.

	• Role of Promotion –Elements Of promotion mix, Advertising concept, importance, Sales promotion – Concept , merits, limitations , methods, • Publicity- Concept &importance 5.Planning • Concept & importance, limitations. • Planning Process.	Students will be able to understand the concept of planning with its merits and demerits.	Question-Answer method, Discussion, Multimedia.	After going through this unit student will be able to describe planning in detail	Assignments.
JUNE-JULY	5.PLANNING • Concept & importance,limitations • Planning process • Types of plans – Objectives,Strategy, Policy, Procedure, 6.Organizing • Concept &importance. • Steps in the process of organizing.	Also various single use and standing plans will be cleared to them. **PT-1 EXAMINATION**	Question-Answer method, Discussion, Multimedia.	Students will be able to explain single use and standing plans.	Assignments.
AUGUST	• Structure of organization functional divisional. • Formal &Informal Organization. • Delegation: Concept, elements &Importance. • Decentralization: Concept &importance	They will be able to distinguish between various organisational structure. Student will be able to understand the concept of staffing ,recruitment, training and development.	Discussion, lecture, case study Notes, Multimedia.	After going through this unit the student will describe the steps in the process of staffing, they will understand the specialised duties performed by HRM.	Assignments.

	7.Staffing Concept & importance of Staffing. • Staffing as a part of Human Resource Management. • Staffing Process. • Recruitment &selection (source & process.) • Training &Development – Concept, Importance &Methods of Training.				
SEPTEMBER	8.DIRECTING Concept, Importance & elements. • Supervision-Concept & role. • Motivation- Concept , Maslow's hierarchy of needs, • Financial & non- financial incentives. • Leadership- Concept, Qualities of a good leader. • Communication- Concept, Formal & informal communication, barriers to effective communication. 9.CONTROLLING • Concept & importance.	Students will be able to discuss the functions of directing, its importance and various elements.	Discussion, lecture, case study Notes, Multimedia.	They will be able to identify various elements of directing	Assignments.

	• Relationship between planning & Controlling. • Steps in the process of control	**MID TERM EXAMINATION**			
OCTOBER	**Part-2** **Business finance & Marketing** 9. Financial Management Concept, importance, Objectives of Financial management. • Financial decisions :Factors affecting. • Financial planning- Concept & importance. • Capital Structure – Concept & factors affecting. • Fixed & Working Capital- Concept & factors affecting. 11.CONSUMER PROTECTION • Importance of Consumer Protection. • Consumer rights& responsibilities. 12.FINANCIAL MARKET Concept of Financial Market :Money Market & its instruments.	Students will be able to explain the role of financial management in an organisation. Various financial decisions and factors affecting them. To make student understand the last but most important function of management.	Question-Answer method, lecture, Case Study, Multimedia. Discussion, lecture, case study Notes, Multimedia.	After going through this unit student will be able to explain concept and objectives of financial management. Concept of capital structure and various factors affectin They will be able to explain relationship between planning and controlling. Capital Market and Money Market as types of financial market. Functions of stock exchange, objectives of SEBI.	Assignments based on various financing decisions. Various case studies based on consumer cases.

NOVEMBER	**REVISON AND PROJECT SUBMISSION**
DECEMBER	**PRE BOARD-I**
JANUARY	**PRE BOARD-II**
FEBRUARY	**REVISION AND BOARD PRACTICAL EXAMINATION**
MARCH	**BOARD EXAMINATION**

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR – 5, DWARKA, NEW DELHI
CURRICULUM

Subject: Economics (030) Class : XII

Books: Part A Introductory Macro economics (NCERT) Session: 2025-26

Part B Indian Economic Development (NCERT)

Teacher Name: Mr Gaurav

Month	Content	Objectives	Methodology	Expected learning Outcomes	Activities
March	Unit 6 : Money and Banking Unit 8: Budget	- To make them understand the functioning of RBI and its major role as credit controller. - To make them understand the components of budget, objective of budget	- Lecture method - Notes - Discussion - Test - Lecture method - Notes - Discussion - Test	- Students would be able to understand the monetary policy of RBI to maintain stability in economy. - Student will be able to understand the construction of budget and importance of budget.	- Edu comp - Friday Recapitulation - Practice Questions - Activity can be framed in groups
April	Ch. 1 : Indian Economy on the Eve Of Independence Ch. 2: Indian Economy (1950-90) Ch. 3 : Economic Reforms Unit: 5 National Income Accounting	- Familiar with the state of Indian economy at the time of independence. - To make them understand the need of economic reforms based on the under growth of the economy. - Understand the concept of different terms used in estimating National Income, methods, precautions.	- Lecture method - Notes - Discussion - Test	- Students would be able to analyze the economic condition of India before independence. - Students would be able to analyze the pre reforms and post reforms - Students would be able to understand the importance of national income	- Edu comp - Friday Recapitulation - Practice Questions - Activity can be framed in groups

May	Unit 7: Determination of Income an Employment	- To make them understand the various concepts of AD and AS. - To make them understand the level of poverty and how badly affected the economy	- Lecture method - Notes - Discussion - Test	- Students would be able to relate the concept of propensity to consume to promote production in economy.	- Edu comp - Friday Recapitulation - Practice Questions - Activity can be framed in groups
JULY	Ch 5 Human Capital Formation Ch. 6 Rural Development	- To make them understand the role of human capital formation in the growth of the economy. - To make them understand the interdependence between rural and urban economy and the need of development in rural sector. **PERIODIC TEST I**	- Lecture method - Notes - Discussion - Test	- Students would be able to relate the countries growth based on rich human capital. - Students would be able to analyze the growth in rural sector. Students would be able to relate the theory in practical	- Edu comp - Friday Recapitulation - Practice Questions - Activity can be framed in groups
AUGUST	Unit 9 : Balance of Payment Ch. 7: Employment growth, Informalization & other issues	- To make them understand the role of BOP in Budget - To make them understand types of unemployment, reasons and remedies - To make them understand the role of infrastructure in the boost of economic growth	- Lecture method - Notes - Discussion - Test	- Students would be able to analyze the impact all together in the economic development - Students would easily be able to relate the concept of environment ant its deterioration effecting the human capital	- Edu comp - Friday Recapitulation - Practice Questions - Activity can be framed in groups
SEPTEMBER	Ch. 9 Environment & Sustainable Development	- To make them understand the concept of environment and the need of sustainable development so that future generation can also be part of the resources. **MID TERM EXAMINATION**	- Lecture method - Notes - Discussion - Test	-	- Edu comp - Friday Recapitulation - Practice Questions - Activity can be framed in groups

OCTOBER	Ch. 10 Comparative development experience with India & its neighbors	- To make them have critical comparative study among China, India and Pakistan.	- Lecture method - Notes - Discussion - Test	- Students would be able to analyze the growth and its development and their cut throat competition	- Edu comp - Friday Recapitulation - Practice Questions - Power Point presentation - Project wok can be done. -
NOVEMBER		**REVISION AND PROJECT SUBMISSION**		-	
DECEMBER		**PREBOARD I**			
JANUARY		**PREBOARD II**			
FEBRUARY		**REVISION FOR BOARD EXAMS**			
MARCH		**BOARD EXAMINATION**			

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA, NEW DELHI

CURRICULUM

SUBJECT : APPLIED MATHEMATICS (241) **SESSION: 2025-26**
TEXT BOOK : CBSE Book **CLASS: XII**
TEACHER NAME : Vashvinder Kaur

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
April	**Unit – I** **Numbers, Quantification and Numerical Applications** (Modulo Arithmetic, Congruence Modulo, Alligation and Mixture, Numerical Problems, Boats and Streams (upstream and downstream), Pipes and Cisterns, Races and Games, Numerical Inequalities) **Unit – II** **Algebra** **(**Matrices and types of matrices, Equality of matrices, Transpose of a matrix, Symmetric and Skew symmetric matrix , Algebra of Matrices)	• Define modulus of an integer Apply arithmetic operations using modular arithmetic rules ● Define congruence modulo ● Apply the definition in various problems Understand the rule of alligation to produce a mixture at a given price ● Determine the mean price of a mixture ● Apply rule of allegation Distinguish between upstream and downstream ● Express the problem in the form of an equation Determine the time taken by two or more pipes to fill or empty the tank Describe the basic concepts of numerical inequalities ● Understand and write numerical inequalities Define matrix ● Identify different kinds of matrices	• Lecture method • Discussion method • Online ppt	Students would be able to find solution using congruence modulo ● Equivalence class Meaning and Application of rule of alligation ● Mean price of a mixture Students would able to Problems based on speed of stream and the speed of boat in still water Calculation of the portion of the tank filled or drained by the pipe(s) in unit time Students Would able to do Comparison between two statements/situations which can be compared numerically Students should able to make a square matrix as a sum of symmetric and skew symmetric matrix	➢ Assignments. ➢ Practice on Spread Sheet ➢ Recapitulation tests. Matrix multiplication and the inverse of a matrix

		● Find the size / order of matrices • Determine equality of two matrices • Write transpose of given matrix • Define symmetric and skew symmetric matrix			
May	**Unit – II** **Algebra** (Determinants, Inverse of a matrix, Solving system of simultaneous equations using matrix method, Cramer's rule)	• Solve the system of simultaneous equations using • i) Cramer's Rule • ii) Inverse of coefficient matrix • Formulate real life problems into a system of simultaneous linear equations and solve it using these methods	• Lecture method • Discussion method • Online ppt	Singular matrix, Non-singular matrix Students should able to find solution of system of simultaneous equations upto three variables only (non- homogeneous equations)	Matrix and Determinants operations on Spreadsheet Excel
JUNE	**Unit – VI** **(Index Numbers and Time Based Data)** (Time Series, Components of Time Series, Time Series analysis for univariate data, Secular Trend , Methods of Measuring trend)	Identify time series as chronological data Distinguish between different components of time series	• Lecture method • Discussion method • Online ppt	Secular trend ● Seasonal variation ● Cyclical variation ● Irregular variation The tendency of the variable to increase or decrease over a long period of time	Collect the data on weather, price, inflation, and pollution analyze the data and make meaningful inferences

JULY-	**Unit – III (Calculus)** (Higher Order Derivatives, Application of Derivatives, Marginal Cost and Marginal Revenue using derivatives, Increasing /Decreasing Functions, Maxima and Minima) Integration , Indefinite Integrals as family of curves, Definite Integrals as area under the curve , Application of Integration, Differential Equations, Formulating and Solving Differential Equations, Application of Differential Equations) **(PT – I Exams)** **Unit- V (Inferential Statistics)** [Population and Sample, Parameter and Statistics and Statistical Interferences, t-Test (one sample t-test and two independent groups t-test)]	• Determine the rate of change of various quantities • Understand the gradient of tangent and normal to a curve at a given point • Write the equation of tangents and normal to a curve at a given point • Find marginal cost and marginal revenue • Understand and determine indefinite integrals of simple functions as anti-derivative • Evaluate indefinite integrals of simple algebraic functions by method of: • substitution • partial fraction • by parts • Define definite integral as area under the curve ● Understand fundamental theorem of Integral calculus and apply it to evaluate the definite integral ● Apply properties of definite integrals to solve the problems Identify the region representing C.S. and P.S. graphically ● Apply the definite integral to find consumer surplus-producer surplus • Define Growth and Decay Model	• Lecture method • Discussion method • Online ppt	Students would able to do simple problems based on higher order derivatives Differentiation of parametric functions and implicit functions To find the rate of change of quantities such as area and volume with respect to time or its dimension To find local maxima and local minima by: i) First Derivative Test ii) Second Derivative Test Contextualized real life problems Students would able to Simple integrals based on each method (non-trigonometric function) Students would able to Solve the problems based on finding ● Total cost when Marginal Cost is given ● Total Revenue when Marginal Revenue is given ● Equilibrium price and equilibrium quantity and hence consumer and producer surplus Students would able to solve the problems of Population data from census, economic surveys and other contexts from practical life ● Unbiased and biased sampling • Problems based on random sampling using simple random sampling and systematic random sampling (sample size less than 100) • Conceptual understanding of Parameter and Statistics	➢ Assignments. ➢ Recapitulation tests.

		● Apply the differential equations to solve Growth and Decay Models • Define a representative sample from a population • Differentiate between a representative and non-representative sample • Draw a representative sample using simple random sampling • Draw a representative sample using and systematic random sampling • Interpret the concept of Statistical Significance and Statistical Inferences • State Central Limit Theorem • Explain the relation between Population-Sampling Distribution-Sample • Define a hypothesis • Differentiate between Null and Alternate hypothesis • Define and calculate degree of freedom • Test Null hypothesis and make inferences using t-test statistic for one group / two independent groups		• Students would able to do framing of Null and Alternate hypothesis	

AUGUST	**Unit – IV** **(Probability Distribution)** (Probability Distribution, Mathematical Expectation, Variance, Binomial Distribution, Poison Distribution, Normal Distribution)	Understand the concept of Random Variables and its Probability Distributions ● Find probability distribution of discrete random variable Apply arithmetic mean of frequency distribution to find the expected value of a random variable Calculate the Variance and S.D. of a random variable Identify the Bernoulli Trials and apply Binomial Distribution ● Evaluate Mean, Variance and S.D of a binomial distribution	• Lecture method • Inductive-deductive method. • Discussion method • Online ppt . • Lecture method • Inductive-deductive method.	• Students would able to do the expected value of discrete random variable as summation of product of discrete random variable by the probability of its occurrence. • Characteristics of the binomial distribution • Characteristics of Poisson Probability distribution • Poisson formula	➢ Assignments. ➢ Recapitulation tests. Probability and dice roll simulation
SEPTEMBER	Revision of Units : (I – IV) **Mid Term Exams** **Unit – VIII (Linear Programming)** (Introduction and related terminology, Mathematical formulation of Linear Programming Problem, Different types of Linear Programming Problems, Graphical method of solution for problems in two variables, Feasible and Infeasible Regions ,	• Formulate Linear Programming Problem • Identify and formulate different types of LPP • Draw the Graph for a system of linear inequalities involving two variables and to find its solution graphically • Identify feasible, infeasible, bounded and unbounded regions	• Lecture method • Discussion method • Inductive-Deductive method.	Students would be able to set the problem in terms of decision variables, identify the objective function, identify the set of problem constraints, express the problem in terms of inequations Formulate various types of LPP's like Manufacturing Problem, Diet Problem, Transportation Problem, etc. Problems based on optimization	➢ Assignments. ➢ Recapitulation tests. ➢ **Practice of finding Measure of Dispersion on Spread Sheet** ➢ Assignments. ➢ Recapitulation tests.

	Feasible and infeasible solutions, optimal feasible solution)	• Understand feasible and infeasible solutions • Find optimal feasible solution			
OCTOBER	**Unit – VII** **(Financial Mathematics)** (Perpetuity, Sinking Funds, Calculation of EMI, Calculation of Returns, Nominal Rate of Return, Compound Annual Growth Rate, Linear method of Depreciation)	• Explain the concept of perpetuity and sinking fund • Calculate perpetuity • Differentiate between sinking fund and saving account • Explain the concept of EMI • Calculate EMI using various methods • Explain the concept of rate of return and nominal rate of return • Calculate rate of return and nominal rate of return • Understand the concept of Compound Annual Growth Rate • Differentiate between Compound Annual Growth Rate and Annual Growth Rate • Calculate Compound Annual Growth Rate • Define the concept of linear method of Depreciation • Interpret cost, residual value and useful life of an asset from the given information • Calculate depreciation	• Lecture method • Discussion method • Chalk-n-talk Method • Brain-Storming Method • Chalk – talk method • Discussion method.	• Students should able to understand the meaning of Perpetuity and Sinking Fund • Real life examples of sinking fund • Methods to calculate EMI: • Flat-Rate Method • Reducing-Balance Method Real life examples to calculate EMI of various types of loans, purchase of assets, etc. • Formula for calculation of Rate of Return, Nominal Rate of Return	➢ Assignments ➢ Recapitulation tests.

NOVEMBER	Revision for Pre boards	Revision	• Discussion method • Chalk-talk method. • Inductive method • Educomp.		➢ Assignments. ➢ Recapitulation tests.
DECEMBER	**Pre – Board – I**				➢ Assignments. ➢ Recapitulation tests.
JANUARY	**Pre Board – II** **REVISION FOR FINAL TERM**		**Brain storming session**		**Rapid Revision Tests.**
FBRUARY-MARCH	**FINAL TERM EXAM**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI

CURRICULUM

SUBJECT : INFORMATICS PRACTICES **CLASS : XII**
TEXT BOOK: NCERT **SESSION : 2025-26**
TEACHERS NAME: Ms. ANUPAMA SRIVASTAVA

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
MARCH & APRIL	**Data Handling using Pandas -I** • Data structures in Pandas • Advanced operations on Series& Data Frames • Descriptive statistics	• Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions; Selection, Indexing and Slicing.. • Creation of DataFrame - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns.	Discussion and Practical	• Students will understand aggregation operations, descriptive statistics and re-indexing columns in a data frame. • Students will learn to apply functions row-wise and element-wise on a data frame.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
MAY	**Data Handling using Pandas –I** • Descriptive Statistics • Create a histogram • Function application • Boolean Indexing	• Students will gain knowledge of max, min, count, sum, mean, median, mode, quartile, Standard deviation, variance • Importing/Exporting Data between MySQL database and Pandas.	Discussion and Practical	Students will be able to understand the concept of array and various arithmetic operations Students will be able to handle the exchange of data between SQL and Pandas.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**

JULY	**Data Visualization** • Plotting with Pyplot • Plot bar graphs, histograms, frequency polygons, box plots and scatter plots.	• Students will learn the concepts of drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram, pie chart, frequency polygon, box plot and scatter plot.	Discussion and Practical	Students will learn about the plotting of graphs etc with Pyplot.	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
		JULY PERIODIC TEST - I			
AUGUST	**Database Query using SQL** • SQL commands • Aggregate functions • Operations on Relations	• Students will learn more about SQL commands and aggregate functions like having, group by, order by. Students will learn Union, Intersection, Minus, Cartesian Product, JOIN.	Discussion and Practical	Students will apply their pre acquired knowledge of database commands to learn about aggregate functions and table join	❖ **Practical questions** ❖ **Recapitulation test** ❖ **Assignments**
SEPTEMBER	**Computer Networks** • Structure of a network • Network Devices • Network Stack • Network Topologies • Introduction to Internet REVISION	• To know about the Structure and types of network. Devices like NIC, hub , switch etc. • Network Topologies	Lecture and Discussion	Students will get a basic understanding of computer networks, network stack, basic network hardware, basic protocols and basic tools.	❖ **Recapitulation test** ❖ **Assignments**
MID TERM					

OCTOBER	**Societal Impacts** • Digital footprint • Net and communication etiquettes • Intellectual Property Rights (IPR) E-waste: hazards and management.	• Concepts of the digital rights management and licensing will be taught. • Cyber crimes like phishing, illegal downloads, scams and cyber forensics to be discussed. • Concept of E-waste management like proper disposal of electronic gadgets , cyber theft and gender disability issues , online campaigns will be learnt by students.	Discussion	Students will have a clear understanding of cyber ethics and cyber crimes. Students will explore and analyze various intellectual rights and the importance of learning. Students will develop a basic understanding of proper disposal of used electronic gadgets. Acquire knowledge about biometrics and disability issues.	❖ **Recapitulation test** ❖ **Assignments**
NOVEMBER	**REVISION**				
DECEMBER	**PRE BOARD-I**				
JANUARY	**PRE BOARD -II**				
FEBRUARY-MARCH	**FINAL EXAM**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA ,NEW DELHI

CURRICULUM

SUBJECT : PHYSICAL EDUCATION(048) **CLASS : XII**
TEXT BOOK: NCRT
TEACHERS NAME: ANITA SHARMA **SESSION : 2025-26**

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
MARCH	1.PLANING IN SPORTS Meaning & objective, various committees & its responsibilities, Tournament, Procedure to draw Fixture, Specific sports Programme. 2. SPORTS AND NUTRITION Balanced diet, Nutritive& non Nutritive components of diet, food supplement for children.	To make them understand the meaning of Balance diet and planning in sports.	With the help of notes and discussion method.	After going through this unit students would be able to understand that planning plays a crucial role for sports. They will understand that balanced diet is very essential for one's life.	Quiz.
APRIL	3.Yoga and life style. Asana as preventive measures , Common life style disease.	To make student learn various asanas.	Discussion method.	After going through this unit students would be able to perform various asanas and how various diseases can be cured through asanas.	Practice for various asanas.

MAY	4.Physical education & sports for CWSN Concept of Disability & Disorder, types of Disability, Disability Etiquettes	To make them understand the concept of disability & disorder.	With the help of notes and objective types question.	Students would be able to state various disabilities.	MCQ TEST.
JUNE	**JUNE TERM EXAMINATION.**				
JULY	5 Children and Women in sports. Motor development, exercise guideline, weight training common postural deformities 6Test & measurement in sports. Women participation in sports, special consideration, female Athletes Triad.	To make student learn motor development and also the role of women in sports.	With the help of notes and discussion method.	Students would be able to understand causes of bad posture and measures to overcome those deformities.	TEST.
AUGUST	7 Physiology & Injuries in sports. Computation of Fat	To make student learn motor fitness and gender differences. To make them understand	Discussion method.	Students would be able to calculate Fat percentage, Muscular strength.	TEST.

	percentage, measurement of muscular strength, motor fitness test, measurement of Cardio Vascular test. 8. Biomechanics & Sports Biomechanics (meaning and importance),Types of movements, Newton's law ,Friction and sports.	sports medicine and projectile.			
SEPTEMBER	9 Psychology & Sports Personality and body type, Motivation and type of aggression. Stress and coping Strategies, Motivation, self esteem. **MID TERM EXAMINATION**	To make them understand various types of personality and their traits.	Discussion method.	Students would be able to differentiate between negative and positive aggression.s	MCQ TEST.
OCTOBER	10 Training in		Discussion method and	Students would be able to	TEST.

	Sports. Strength, speed ,Flexibility, coordinative abilities and Circuit Training	To make them understand the concept of training and their methods.	with the help of notes.	understand various types of training programme.	
NOVEMBER	**NOVEMBER TESTS**				
DECEMBER	**PERIODIC TEST-III**				
JANUARY	**PRE BOARD EXAMINATION**				
FEBRUARY	**ENHANEMENT TESTS**				
MARCH	**BOARD EXAMS**				

SUBJECT TEACHER

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR 5, DWARKA, NEW DELHI -75
CURRICULUM

SUBJECT: ENTREPRENEURSHIP (066) **CLASS XII**
TEXTBOOK: CBSE **SESSION: 2025-26**
TEACHER'S NAME: MS. SHWETA GARG

MONTH	CONTENT	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES	ACTIVITIES
MARCH-APRIL	**<u>Unit -1 Entrepreneurial Opportunities</u>** Sensing Entrepreneurial Opportunities • Environment Scanning • Problem Identification • Spotting Trends • Creativity and Innovation • Selecting the Right opportunity.	To make students understand the concept of business opportunity and appreciate the process of creativity and innovation	Discussion, lecture, Notes, Case study, Multimedia.	After going through this unit student will understand what is trend spotting. They will understand the technique of transformation of ideas into opportunities.	Assignments.
MAY	**<u>Unit-2 Enterprise Planning</u>** • Forms of Business Organization-Sole proprietorship, Partnership and Joint Stock Company-Meaning characteristics and suitability • Business Plan • Organizational plan • Operational plan • Production plan • Financial plan • Marketing Plan • Human Resource Planning	To make students understand the forms of Business enterprise. To help students in understanding the various components and importance of Business Plan.	Discussion, lecture, case study Notes, Multimedia.	After going through this unit student will learn about various forms of starting a business. It will help him in judging which form is suitable when and why? It will also help student in making a business plan.	Assignments / Project
JULY- PREODIC TEST -I					

JULY	**Unit-3 Enterprise Marketing** • Marketing and Sales strategy • Branding – Business name, logo, tag line • Promotion strategy	Enlist the marketing Strategies used in firm. Stating different types of components of sales strategy.	Discussion, lecture, Notes, Multimedia.	After learning this unit student will come to know 4P's of entrepreneurship.	Assignments, Quiz.
AUGUST	**Unit-5 Business Arithmetic** • Unit of Sale, Unit Cost for multiple products or Services • Break even Analysis for multiple products or services • Importance and use of cash flow projections Budgeting and managing the finances • Computation of working capital • Inventory control and EOQ • Return on Investment (ROI) and Return on Equity (ROE).	Student will be able to understand the concept of Unit Cost, Unit Price. Break even Analysis for multiple products, inventory control, EOQ, ROI.	Discussion, lecture, Multimedia.	After going through this unit students would be able to apply the concept of Business Arithmetic in real life examples too. Able to apply concept like Reorder Level, Return on Investment and Return on Equity in their projects.	Assignment
SEPTEMBER	**Unit -4 Enterprise Growth Strategies** • Franchising concept and types • Advantages and limitation to Franchisor and Franchisee • Merger and Acquisition- concept reason and types • Reasons for Merger and Acquisition	Student will be able to understand the concept of Growth & Development of an Enterprise. Able to explain the concept of franchise and Merger.	Discussion, lecture, Multimedia.	Student would be able to distinguish Franchise and Merger.	Assignments, Case Study.
MIDTERM EXAMINATION					

OCTOBER	**Unit -6: Resource Mobilization** • Capital Market: concept • Primary Market: Concept and method of floatation • Angel Investor: Features • Venture Capital Features and funding stages	Students will be able to understand the various sources of funds in Primary market. Role of Angel investor and Venture Capital in Funding the business	Discussion, lecture, Multimedia.	After going through this unit students will value the worth of finance and will optimally utilise it.	Assignment
NOVEMBER	**REVISION**				
DECEMBER	**PRE-BOARD EXAMINATION**				
JANUARY	**ENHANCEMENT TEST**				
FEBRUARY	**BOARD EXAMS**				

PROJECT WORK:

TWO PROJECTS IN THE ENTIRE ACADEMIC SESSION

1. BUSINESS PLAN -10 MARKS

2. MARKET SURVEY -10 MARKS

3. VIVA (EXTERNAL) -05 MARKS

4. WRITTEN TEST -05 MARKS

BGS INTERNATIONAL PUBLIC SCHOOL
SECTOR - 5, DWARKA, NEW DELHI
CURRICULUM CLASS XII

SUBJECT: Sociology				**CLASS: XII**	
SESSION: 2025-26				**TEXTBOOK: NCERT**	
TEXTBOOK: Book 1 Indian Society, Book 2 Change and development in Indian Society					
MONTH	**CONTENT**	**OBJECTIVES**	**METHODOLOGY**	**EXPECTED LEARNING OUTCOME**	**ACTIVITIES**
March - April	Introduction, ch 2, ch 3 and ch 5,ch 6. Blueprint of syllabus, Theories and concepts in demography, size and growth of India's population, Urban rural differences in population growth. Caste and Tribe; Family and kinship. Social inequality, Social stratification and social exclusion based on caste, tribe, gender and disability. Cultural communities, Nation and Nation-States; Regionalism and language based identities; Religion related issues: Majority minority and Secularism communalism; State and Civil society	To familiarise students with theories and concepts in demography and developing their understanding of various social institutions. To make students aware and sensitive about the discrimination, prejudices and stereotypes as a basis if social inequality	Discussion, lecture, notes, assignments, role plays in class on specific issues	Students would become familiar with theories and concepts in demography. They will develop sociological understanding of different social institutions like caste, tribe and family.	Role plays, discussions, presentations and debates.

May	**Book II- ch 1,2 + Projects-** Understanding colonialism; Structural changes of Industrialisation and Urbanisation: Colonial experience and after independence. Social reform movements; Study of social change: Sanskritization, Westernisation, Modernisation and Secularisation.	To help students understand structural and cultural change in Indian context.	Discussion, lecture, notes, assignments, and case studies	Students would be able to understand structural and cultural changes in Indian and western context	Case Studies
	PERIODIC TEST 1				
July	**Book II ch 3-**Constitution as an instrument of Social Change, Panchayati Raj and challenges to Social transformation; Parties, pressure groups and politics.	To help students identify core values of Indian Democracy.	Discussion, lecture, notes, assignments, sample paper	Students would be able to state the core values of Indian Democracy.	Discussions and debates on competing interests
Aug	**Book II ch 4-** Agrarian structure: Relationship between caste and class; Impact of Land reforms; Globalisation, liberalisation and changes in rural society.	To help students understand and appreciate change and development in rural society.	Discussion, lecture, notes, assignments, smart boards.	Students would be able to appreciate and understand various aspects of change and development in rural and urban society.	Videos of some rural setting to appreciate and be sensitive to the differences between rural and urban society.

Sep	**Book II Ch 5 –** Industial society, Features, Kind of work, working conditions in industry, service sector, mines and home based industry.	To help students understand and appreciate change and development in urban society	Discussion, lecture, notes, assignments, sample paper	Students would be able to understand various aspects of globalisation and discuss the changing nature of mass media.	Debates and class discussions
MID TERM EXAMS					
Oct	**Book II Ch. 8 -** Features of Social Movements, Theories and classification	To help students distinguish social movement from social change and to understand different kinds of social movements	Discussion, lecture, notes, assignments, sample paper	Students would be able to distinguish social change from social movement and give contemporary examples of diverse social movements.	Identify and collect data about any social movement from newspapers, magazines, internet, library .
Nov	**REVISION**				
Dec	**PREBOARD I**				
Jan	**PREBOARD II**				
Feb March	**BOARD EXAMS**				

BGSINTERNATIONALPUBLICSCHOOL
SECTOR-5, DWARKA
SYLLABUS

CLASS-XII **SUBJECT-POLITICALSCIENCE**
SESSION-2025-26 **TEACHER-SHAMPAGHOSH**
BOOKS:N.C.E.R.T(CONTEMPORARYWWORLDPOLITICS)
(POLITICS IN INDIA SINCE INDEPENDENCE)

MONTH	CHAPTER	TOPICS	OBJECTIVES	METHODOLOGY	LEARNINGOUTCOME	ACTIVITIES
March-April	Chapter-2	The end of bi-polarity & CIS And Arab Spring	To understand the new entities in world politics, introduction of democratic politics and capitalism in post-communist regimes. India's relations with Russia and other post-communist countries. Unipolar World, Middle East Crisis – Afghanistan, Gulf War, Democratic Politics and Democratization – CIS and the 21st Century (Arab Spring).	Discussion method withnotesonthesub topics. Class assignments, using multimedia	Tofamiliarizewiththesoviet systems and its drawbacks and the reasons for its disintegration and the situationineasternEuropean countriesafterdisintegration. The students get a confident ideaaboutthereasonsbehind US Hegemony and it effect on the Asian and the European countries. Moreoverthestudentswill understandthedifferentforms of hegemonypowerandthe waytoavoidit	Classassignmentandcartoon study along with possible board question discussion.
May	Chapter-4	Alternative centersofpower	To explain about the rise of china in post Mao era. Creation of EU, ASEAN. India'schangingrelations	Interactive lecture method, map notes	To enable the students to know about the various alternatepowercentresinthe	

			withchina.		form Of EU, ASEAN. The studentalsounderstandsthe factor behind the rise of Chinese economy.	
May	Chapter-6	International organization	To explain about restructuring and future of United Nation. Rise of new international actors, new international economic organization.	Usage of multimedia, class activity and class assignment, discussion method and notes	To familiarize the students about the foundation of United Nations and the various organs associated withit,especiallyS.C.They will also get the idea about India's Role in UN	Flowchartsontheorgansof UN. MaponIPKF. Classassignmentandcartoon study along with possible board question discussion
May/June	Chapter-5	Contemporary South Asia	To understand about democratization in Pakistan and Nepal. Ethnic conflict of Sri Lanka. Conflict and efforts of peace in South Asia.	Usage of multimedia, class activity and class assignment, discussion method and notes	At the end of the lesson the students will get a idea about the process involved in the foundation and deepening of democracyintheSouthAsian Countries and their foreign policies.	Classassignmentandcartoon study along with possible board question discussion
July	Chapter-7	Security In the Contemporary world	To explain about traditional concerns of security and politics of these armament. None traditional security, global poverty, health and education.	Usage of multimedia, class activity and class assignment, discussion method and notes	To enable the students to know about the traditional and nontraditional notions of security.Andthenewsources of threat.	Classassignmentandcartoon study along with possible board question discussion.
July	Chapter-8	Environment And natural resources	To explain about environment movement and evolution of global environment norms. India's stand in global environment debates.	Usage of multimedia, class activity and class assignment, discussion method and notes	At the end of the lesson the studentsbecameawareofthe global environment and India's stand on environmentalissues.	Classassignmentandcartoon study along with possible board question discussion

July		PT-1	EXAMINATION	40%SYLLABUS		
August	Chapter-9	Globalisation	To explain about economic, cultural and political manifestation. India as an arena of globalisation and struggle against it.	Usage of multimedia, class activity and class assignment, discussion method and notes	Thestudentsareenableto understandtheconceptof globalisation and India's stand on globalisation	Collage making on consequencesofglobalisation Classassignmentandcartoon study along with possible board question discussion.
August	Chapter-10	Challenges of Nation Building	Nehru's approach to nation building; challenge ofrefugee and resettlement, the Kashmir problem. Political conflict over language.	Discussion method withnotesonthesub topics. Class assignments, using multimedia	The class gets an idea about the problems that India faced during the partition and how thegovernmenttriedtofaceit with the instrument of accession	Classassignmentandcartoon study along with possible board question discussion
August	Chapter-12	Politics of Planned development	To explain about five years plan, expansion of state sector and the rise of new economics interest. Green revolutions and its political fall outs.	Discussion method withnotesonthesub topics. Class assignments, using multimedia	At the end of the lesson the students gets an idea of the importance of planning, the featuresoffirstthreeplansin India and controversies relating to it.	FlowChartofallthefiveyear Plans. Classassignmentandcartoon study along with possible board question discussion

Septemb er	Chapter-13	India's external relations	To make the student understand aboutNehru'sforeignpolicy.Sino Indian war of 1962, Indo-Pak war of 1965 and 1971. India's nuclear programme.	Usage of multimedia, class activity and class assignment, discussion method and notes	To enable the students about the foreign policy that India pursued after Independence. To understandtheIndo–Pak war and nuclear programme.	Classassignmentand cartoon study along with possible board question discussion
Sep	Chapter-14	Party and party system	To enable the students to know about the importance of party system in democracy. Thischapterwillalsohighlightthe conduct of first election in India and the reason for congress dominance in it. To let the student know about political succession after Nehru. Electoral upset of 1967, congress split and reconstitution and congress victory in 1971	Interactive lecture method, map notes	Thestudentsfindthis topictobeinteresting astheygettoknow aboutthepolitical successionofNehru andthe electoral upset in1967&1971. Theywillalso enlightenthemselves aboutthevarious oppositionpartiesin Indiasince independenceand theirrolein1967. 1969elections.	Classassignmentand cartoonstudyalong withpossibleboard questiondiscussion
	MID TERM	EXAMINATION	60%SYLLABUS			
Oct	Chapter-15	Democratic resurgence	Search for committed bureaucracy in judiciary. Nav Nirman Movement in Gujarat and Bihar. 1977 election and formation of Janata party.	Interactive lecture method, map notes	Thestudentsgetan idea about the proclamation of emergencyandthe controversiesrelating	Classassignmentand cartoon study along with possible board question discussion

					toit.	
Oct	Chapter-16	PopularMovement in India	To explain the students about farmers' movement, women movement. Implementation of MandalcommissionReportandits aftermath.	Interactive lecture method, map notes	At the end of the lesson the students getanideaaboutthe importanceof popularmovementin India.	CollageMakingon various popular movement. Class assignment and cartoonstudyalong withpossibleboard questiondiscussion
Nov	Chapter-17	Regionalaspiration	To understand about the rise of regional parties, Punjab crisis and anti Sikh riots of 1984, the Kashmir situation. Challenges and responses of north-east.	Usage of multimedia, class activity and class assignment, discussion method and notes	At the end of the lessonthestudents were made to understandvarious regionalaspirants' movementsandthe reactionofthe governmenttowards them.	Classassignmentand cartoon study along with possible board question discussion
Nov	Chapter-18	Recentdevelopment in Indian politics	To explain about the rise ofJDand BJP. Increasing role of regional parties and collision politics. NDA, UPA-I (2004) and UPA-II (2009) govt.	Interactive lecture method, map notes	To familiarize the students to know about the developmentsinthe Indianpolitical scenarioin1980sand theriseof coalition government.	Classassignmentand cartoon study along with possible board question discussion

PT-2	SYLLABUS COVEREDINOCT AND NOVEMNER					
Dec	PRE-BOARD	EXAMINATION	100%	SYLLABUS		
Jan-Feb	ENHANCEMENT	TEST	100%			

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR-5, DWARKA, NEW DELHI- 75

GENERAL STUDIES SYLLABUS

CLASS XII (2025-26)

References: Competitive Success Reviews, Study Material from Pratham, Career Launcher and FIIT JEE

S.No.	DURATION	CONTENT	ASSESSMENT CRITERIA
1.	**April- July**	**General Mathematical Ability-** **A. VERBAL SECTION:** Coding- decoding, Directions, Family tree, Clock and calendar, Case based Analytical Reasoning. **B. NON VERBAL SECTION:** Symbols, Number writing and sequencing, mirror images, Figure Matrix. **C. QUANTITATIVE SECTION/ MATHEMATICAL REASONING (BASICS):** Time, speed and work, Percentage, Ratio and proportion, Time and work, Simple interest, profit and loss, Number systems and averages, Data Interpretation.	-Class Participation -Attendance -Notebook Maintenance -Quizziz score -Pen paper Test (Pre/Post PT I) -Discipline
2.	**August- September**	**Basic Social Sciences-** **A. ABOUT OUR INDIA:** Ancient and Medieval History, Modern History (Features and facts) **B. BASICS OF GEOGRAPHY:** World and Indian	-Class Participation -Attendance -Notebook Maintenance -Quizziz score

		Geography, Physical and general geography (Features and facts) **C. POLITY:** Indian Politics, Constitution and its Preamble, World politics. **D. BUSINESS AWARENESS AND BASIC ECONOMICS:** Regional differences in production and consumption of goods (National and International statistics), Business GK, Facts and figures, Awards and achievements.	-Pen paper Test (Pre/Post PT II) -Discipline
3.	**October- December**	**Language Usage** **A. INTERACTRIVE VOCABULARY:** Word Power, Vocabulary Building, Word Relations, Word usages **B. GRAMMAR RULES AND COMMON ERRORS:** Idioms, Phrasal Verbs, Articles, Nouns and pronouns, Overview of English Grammar. **C. READING COMPREHENSION:** Case study based passages followed by Reference to context type questions. **D. MISCELLANEOUS TOPICS:** Analogies, Fill in the blanks, Jumbled sentences,	-Language skills -Verbal Expression -Listening and comprehension - Attendance -Quizziz - Pen Paper Test (Pre/Post PT III)
4.	**Jan- March**	**Miscellaneous GK** **A. GENERAL AWARENESS-** Social issues, Contemporary debates **B. CURRENT AFFAIRS-** Newspaper and updates **C. LOGICAL REASONING-** Analogies **D. ANALYTICAL ABILITY-** Case studies, Documentaries discussion	**-**Daily News updates -Knowledge of current affairs -Quizziz -Pen Paper Test (Before final exam) -Overall discipline -Attendance

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR-5, DWARKA, NEW DELHI

CURRICULUM (2025-2026)

Teacher Incharge: Rajiv Dahiya

CLASS: XII SUBJECT- Badminton

MONTH	OBJECTIVES	METHODOLOGY	EXPECTED LEARNING OUTCOMES
APRIL	Introduction to badminton, understanding rules and court dimensions.	Classroom theory sessions and practical court visit. Demonstrate court markings, explain rules, and conduct quizzes.	Demonstrate court markings, explain rules, and conduct quizzes.
MAY	Basic grip techniques and footwork drills.	Demonstrate different grips and footwork movements.	Shadow practice, ladder drills, cone drills.
JULY	Basic strokes - Forehand and Backhand. Serve techniques - High Serve, Low Serve, and Flick Serve.	Step-by-step stroke practice using shuttle throws. Explanation and practical demonstrations.	Wall hitting, partner rallies, slow-motion stroke practice. Serve practice in pairs, accuracy challenges.
AUGUST	Return of Serve and basic game strategies.	Explain positioning and movement.	Return drills, practice mini matches.
SEPTEMBER	Smash and Net Play Techniques.	Demonstrate smash and net lifts.	Smash target practice, net rally competitions.
OCTOBER	Doubles and Singles Game Tactics.	Strategy sessions and practical application.	Simulatedmatches , strategy discussions.
NOVEMBER	Fitness and Agility Training.	Circuit training and strength-building exercises.	Agility ladder, shuttle run, endurance drills.
DECEMBER	Review and Evaluation	Conduct friendly matches and assess skills.	Organize mini tournaments and provide feedback.

JANUARY	Advanced Techniques – Dropshots and Drives.	Explain placement strategies and court control.	Target-based drop shot practice, defensive drive drills.
FEBRUARY	Match Play and Tactical Understanding.	Match analysis and situational play practice.	Encourage students to analyze professional matches.
March	Exam Time	Exam Time	Exam Time

BGS INTERNATIONAL PUBLIC SCHOOL

SECTOR 5, DWARKA, NEW DELHI - 75

CURRICULUM (SESSION: 2025-26)

CLASSES: IX - XII

SPORT: BASKETBALL **TEACHER NAME: NARENDER SINGH**

S.No.	MONTH	OBJECTIVES	METHODOLOGY	ACTIVITIES
1	April	➢ To demonstrate an understanding of basic basketball rules such as scoring, fouls.	➢ Demonstration ➢ Explanation ➢ Imitation ➢ Repetition	➢ Introduction of game ➢ Warm up exercise ➢ Ball holding ➢ Dribbling
2	May	➢ To apply basic fundamental moment skills like running and jumping.	➢ Demonstration ➢ Explanation ➢ Imitation ➢ Repetition	➢ Jogging ➢ Warm up exercise ➢ Dribbling ➢ Passing
3	July	➢ To develop hand-eye coordination by dribbling, passing and shooting the ball.	➢ Demonstration ➢ Explanation ➢ Imitation ➢ Repetition	➢ Warm up exercise ➢ Dribbling ➢ Specific exercise ➢ Lay-Up Shot
4	August	➢ To practice dribbling and ball-handling techniques such as stationary dribbling and moving while dribbling.	➢ Demonstration ➢ Explanation ➢ Imitation ➢ Repetition	➢ Warm up exercise ➢ Specific exercise ➢ Cross dribbling ➢ Passing-two men pass ➢ Lay-Up shot
5	September	MID-TERM EXAM		

6	**October**	➢ **To learn proper shooting techniques and practice scoring from different spots on the court.**	➢ **Demonstration** ➢ **Explanation** ➢ **Imitation** ➢ **Repetition**	➢ **Warm up exercise** ➢ **Lay-up shot with dribble** ➢ **Specific exercise** ➢ **Defence (One Vs One)**
7	**November**	➢ **To handle both winning and losing.** ➢ **To use experience of playing as opportunities for growth and improvement.**	➢ **Demonstration** ➢ **Explanation** ➢ **Imitation** ➢ **Repetition**	➢ **Warm up exercise** ➢ **Specific exercise** ➢ **Defence (Men to Men)** ➢ **Improve defence skill** ➢ **Practice matches**
8	**December**	➢ **To develop confidence and self-esteem through participation in matches.**	➢ **Demonstration** ➢ **Explanation** ➢ **Imitation** ➢ **Repetition**	➢ **Specific exercise** ➢ **Matches** ➢ **Offence skills**
9	**January**	➢ **To learn to respect the opponents, team mates and officials and to play fairly and safely.**	➢ **Demonstration** ➢ **Explanation** ➢ **Imitation** ➢ **Repetition**	➢ **Specific exercise** ➢ **Practise matches**
10	**February & March**	**REVISION**		