



Brain International School

Recognised Senior Secondary School, Affiliated to CBSE
Vikas Puri, New Delhi

ANNUAL SYLLABUS (2026-27) CLASS: XII SUBJECT: ENGLISH CORE (CODE-301)

Section - A Reading Skills	22 Marks
Section - B Creative Writing Skills	18 Marks
Section - C Literature Text Book and Supplementary Text	40 Marks
Assessment of Listening and Speaking Skills +Project	20 Marks

MONTH	LITERATURE	READING SKILLS	CREATIVE WRITING SKILLS
APRIL (20 Days)	<u>FLAMINGO</u> Prose: Lesson-1 The Last Lesson Lesson-2 Lost Spring Lesson-3 Deep Water Poetry: Poem - 1 My Mother at Sixty-Six <u>VISTAS</u> Lesson -1 The Third Level	<u>Unseen Passage</u> Factual Passage Descriptive Passage Literary Passage <u>Unseen Case Based Factual Passage</u> With verbal/visual inputs like statistical data, charts etc. The combined Word Limit for both the passages will be 700-750 words.	<u>Short Composition</u> • Notice Writing

		Multiple Choice Questions / Objective Type Questions and Short Answer Type Questions (to be answered in 40- 50 words)	
MAY (22 Days)	<p><u>FLAMINGO</u> Prose: Lesson-4 The Rattrap</p> <p>Poetry: Lesson 2: Keeping Quiet</p> <p><u>VISTAS</u> Lesson -2 The Tiger King Lesson 3: The Enemy</p>		<p><u>Letter Writing (120-150 words)</u> Based on visual/verbal input. Letter types:</p> <ul style="list-style-type: none"> • Letter to Editor
JUNE	<p>PT 1 EXAMINATION ENGLISH (29/06/2026) For Assignments please Click</p> <p>Syllabus:</p> <p>I. Reading Comprehension – A. Factual, descriptive or Literary passage.</p> <p>B. Unseen Case Based Factual Passage With verbal/visual inputs like statistical data, charts etc. The combined Word Limit for both the passages will be 700-750 words. Multiple Choice Questions / Objective Type Questions and Short Answer Type Questions (to be answered in 40-50 words)</p>		

	<p>II. Writing Skills:</p> <ol style="list-style-type: none"> 1. NOTICE 2. Formal Letter (to the editor) <p>III. Literature</p> <p><u>Flamingo</u></p> <p>Prose</p> <ol style="list-style-type: none"> 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap <p>Poetry</p> <ol style="list-style-type: none"> 1. My Mother at Sixty-six. 2. Keeping Quiet. <p><u>Vistas:</u></p> <ol style="list-style-type: none"> 1. The Third Level 2. Tiger King 3. The Enemy 			
<p><u>JULY</u> (23 Days)</p>	<table border="1"> <tr> <td data-bbox="474 1048 846 1236"> <p><u>FLAMINGO</u> Prose: Lesson-5 Indigo Lesson - 6 Poets and Pancakes</p> </td> <td data-bbox="846 1048 1328 1236"></td> <td data-bbox="1328 1048 1968 1236"> <p><u>Short Composition</u></p> <ul style="list-style-type: none"> • Formal Invitation – Only Card (up to 50 words) </td> </tr> </table>	<p><u>FLAMINGO</u> Prose: Lesson-5 Indigo Lesson - 6 Poets and Pancakes</p>		<p><u>Short Composition</u></p> <ul style="list-style-type: none"> • Formal Invitation – Only Card (up to 50 words)
<p><u>FLAMINGO</u> Prose: Lesson-5 Indigo Lesson - 6 Poets and Pancakes</p>		<p><u>Short Composition</u></p> <ul style="list-style-type: none"> • Formal Invitation – Only Card (up to 50 words) 		

	<p>Poetry: Poem - 3 A Thing of Beauty</p> <p><u>VISTAS</u> Lesson -5 On the Face of It Lesson-6 Memories of Childhood</p> <ul style="list-style-type: none"> • The Cutting of My Long Hair - We too are Human Beings 	
<p><u>AUGUST</u> (19 Days)</p>	<p><u>FLAMINGO</u> Prose: Lesson - 7 The Interview Lesson - 8 Going Places</p> <p>Poetry: Poem - 4 A Roadside Stand Poem - 5 Aunt Jennifer's Tigers</p>	<p><u>Short Composition</u></p> <ul style="list-style-type: none"> • Formal/Informal Invitation and Reply (Both up to 50 words) <p><u>Letter Writing (120-150 words)</u> Based on visual/verbal input. Letter types:</p> <ul style="list-style-type: none"> • Application for a Job with Bio Data or Resume <p><u>Article Writing(120-150 words)</u> Based on verbal inputs and may be descriptive/analytical</p>

in nature.

Report Writing(120-150 words) Based on verbal inputs and may be descriptive/analytical in nature.

MID TERM EXAMINATION ENGLISH (3/09/2026)

For Assignments please [Click](#)

**SEPTEMBER
(17 Days)**

FLAMINGO

Unseen Passage Factual Passage Descriptive Passage Literary Passage

Unseen Case Based Factual Passage

With verbal/visual inputs like statistical data, charts etc.

The combined Word Limit for both the passages will be 700-750 words.

Multiple Choice Questions / Objective Type Questions and Short Answer Type Questions (to be answered in 40-50 words)

Short Composition

- Notice Writing
- Letter to Editor
- Formal/Informal Invitation and Reply (Both up to 50 words)
- Application for a Job with Bio Data or Resume
- **Article Writing (120-150 words)** Based on verbal inputs and may be descriptive/analytical in nature.
- **Report Writing (120-150 words)** Based on verbal inputs and may be descriptive/analytical in nature.

Prose:

Lesson-1 The Last Lesson Lesson-2 Lost Spring Lesson-3 Deep Water Lesson-4 The Rattrap, Lesson-5 Indigo Lesson - 6 Poets and Pancakes, Lesson 7 – The Interview, Lesson 8 – Going Places.

Poetry:

Poem - 1 My Mother at Sixty-Six Poem - 2 Keeping Quiet Poem - 3 A Thing of Beauty Poem - 4 A Roadside Stand Poem - 5 Aunt Jennifer's Tigers

VISTAS

	Lesson -1 The Third Level Lesson -2 The Tiger King Lesson-4 The Enemy Lesson -5 On the Face of It Lesson-6 Memories of Childhood- The Cutting of My Long Hair, we too are Human Beings	
	Assessment of Listening and Speaking Skills	
SEPTEMBER (Post Exam 6 days)		Report Writing (120-150 words) Based on verbal inputs and may be descriptive/analytical in nature.
OCTOBER (18 Days)	VISTAS Lesson- 3 Journey to the End of the Earth	
November (17 Days) - December (21 Days)	REVISION PRE-BOARD EXAMINATION ENGLISH (20/11/2026) ENTIRE SYLLABUS For Assignments please Click	
January (22 Days)	PRE-BOARD EXAMINATION II ENGLISH (28/12/2026) ENTIRE SYLLABUS For Assignments please Click	
February (10 Days)	CBSE PRACTICALS (Assessment of Listening and Speaking Skills +Project) Preparatory Leave for Board Examinations	



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CLASS XII

SUBJECT: PHYSICS (042)

SYLLABUS: 2026-27

MONTH & NO. OF DAYS	BOOK –NCERT	EXPERIMENTS/ACTIVITIES
April (20 DAYS)	CH:1 ELECTRIC CHARGES AND FIELD Electric charges, Conservation of charge, Coulomb's law-force between two- point charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field lines, electric dipole, electric field due to a dipole, torque on a dipole in uniform electric field. Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin	1. To determine resistivity of two / three wires by plotting a graph for potential difference versus current.

	<p>spherical shell (field inside and outside).</p> <p>CH:2 ELECTRIC POTENTIAL AND CAPACITANCE</p> <p>Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two-point charges and of electric dipole in an electrostatic field.</p>	
<p>May (22 days)</p>	<p>CH:2 ELECTRIC POTENTIAL AND CAPACITANCE (CONT...)</p> <p>Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarization, capacitors and capacitance, combination of capacitors in series and in parallel. Capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor (no derivation, formulae only).</p> <p>CH:3 CURRENT ELECTRICITY</p> <p>Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity, temperature dependence of resistance. Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's rules,</p>	<p>2. To find resistance of a given wire / standard resistor using metre bridge.</p> <p>3. To verify the laws of combination (series) of resistances using a metre bridge.</p> <p>ACTIVITIES:</p> <p>1. To assemble a household circuit comprising three bulbs, three (on/off) switches a fuse and a power source.</p>

	Wheatstone bridge	
JULY (23 Days)	PERIODIC TEST-I 30/06/2026	SYLLABUS: Ch: 1,2. For Assignments, please Click
	<p>CH:4 MOVING CHARGES AND MAGNETISM</p> <p>Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight solenoid (only qualitative treatment), force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying conductor in a uniform magnetic field, force between two parallel current-carrying conductors-definition of ampere, torque experienced by a current loop in uniform magnetic field; Current loop as a magnetic dipole and its magnetic dipole moment, moving coil galvanometer- its current sensitivity and conversion to ammeter and voltmeter.</p> <p>CH:5 MAGNETISM AND MATTER</p> <p>Bar magnet, bar magnet as an equivalent solenoid (qualitative treatment only), magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its</p>	<p>4. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.</p> <p>ACTIVITIES:</p> <p>2. To assemble the components of a given electrical circuit.</p> <p>3. To Draw the Diagram of a Given Open Circuit Comprising at Least a Battery, Resistor/Rheostat, Key, Ammeter and Voltmeter. Mark the Components that are not Connected in Proper Order and Correct the Circuit and Also the Circuit Diagram</p>

	<p>axis (qualitative treatment only), torque on a magnetic dipole (bar magnet) in a uniform magnetic field (qualitative treatment only), magnetic field lines. Magnetic properties of materials- Para-, dia- and ferro – magnetic substances with examples, Magnetization of materials, effect of temperature on magnetic properties.</p> <p>CH:6 ELECTROMAGNETIC INDUCTION Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Self and mutual induction</p>	
<p>August (19 Days)</p>	<p>CH: 7 ALTERNATING CURRENTS Alternating currents, peak and RMS value of alternating current/voltage; reactance and impedance; LCR series circuit (phasors only), resonance, power in AC circuits, power factor, wattless current. AC generator, Transformer</p> <p>CH: 8 ELECTROMAGNETIC WAVES Basic idea of displacement current, Electromagnetic waves, their characteristics, their transverse nature (qualitative idea only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.</p> <p>CH: 9 RAY OPTICS AND OPTICAL INSTRUMENTS</p>	<p>5. To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$.</p> <p>6. To find the focal length of a convex mirror, using a convex lens.</p> <p>ACTIVITIES:</p> <p>1. To identify a diode, a Led, a resistor and a resistor and a capacitor from a mixed collection of such items.</p>

	Ray Optics: Reflection of light, spherical mirrors, mirror formula, refraction of light, total internal reflection and optical fibers, refraction at spherical surfaces, lenses, thin lens formula, lens maker's formula, magnification, power of a lens, combination of thin lenses in contact, refraction of light through a prism.	
September (17 Days)	MID TERM EXAMINATION 07/09/2026	SYLLABUS Ch: 1,2,3,4,5,6, 7 AND 8 For Assignments, please Click
September (Post exam 06 Days)	CH: 9 RAY OPTICS AND OPTICAL INSTRUMENTS (CONT...) Optical instruments: Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.	7. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.
October (18 Days)	CH:10 WAVE OPTICS Wave optics: Wave front and Huygen's principle, reflection and refraction of plane wave at a plane surface using wave fronts. Proof of laws of reflection and refraction using Huygen's principle. Interference, Young's double slit experiment and expression for fringe width (No derivation final expression only), coherent sources and sustained interference of light, diffraction due to a single slit, width of central maxima (qualitative treatment only).	8. To draw the I-V characteristic curve for a p-n junction diode in forward bias and reverse bias. ACTIVITIES: 2. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab. 3. To obtain a lens combination with the specified focal length by using two lenses from the given set of lenses.

	<p>CH: 11 DUAL NATURE OF RADIATION AND MATTER</p> <p>Dual nature of radiation, Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation-particle nature of light. Experimental study of photoelectric effect Matter waves-wave nature of particles, de-Broglie relation.</p> <p>CH: 12 ATOM</p> <p>Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model of hydrogen atom, Expression for radius of nth possible orbit, velocity and energy of electron in nth orbit, hydrogen line spectra (qualitative treatment only).</p>	
<p>November (05 Days)</p>	<p>CH: 13 NUCLEI</p> <p>Composition and size of nucleus, nuclear force Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number; nuclear fission, nuclear fusion.</p> <p>CH: 14 SEMICONDUCTORS</p> <p>Materials, Devices and Simple Circuits Energy bands in conductors, semiconductors and insulators (qualitative ideas only) Intrinsic and extrinsic semiconductors- p and n type, p-n junction Semiconductor diode - I-V characteristics in forward and reverse bias,</p>	

	application of junction diode -diode as a rectifier.	
November (12 Days) December (21 Days))	REVISION PREBOARD EXAMINATION I 23/11/27	ENTIRE SYLLABUS For Assignments please Click
January (22 Days)	PREBOARD EXAMINATION II 04/01/27 CBSE PRACTICALS	ENTIRE SYLLABUS For assignments please Click
February (10 Days)	PREPARATORY LEAVE FOR BOARD EXAMINATIONS	



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Class – XII

CHEMISTRY (043)

Syllabus: 2026-27

MONTH & NO. OF DAYS	BOOK NCERT	SUGGESTED ACTIVITIES
April (20 Days)	<p>CH 1: SOLUTIONS Strength of solutions like molarity, molality, mole fraction, Henry's law, Raoult's law, colligative properties like relative lowering in vapouring pressure, osmotic pressure, elevation in boiling point, depression in freezing point, abnormal molar mass, Van't Hoff factor.</p> <p>CH 2: ELECTROCHEMISTRY Electrode potential, electrolysis products, feasibility of reactions, Nerst equation, electrical conductivity in solutions, variation in molar conductivity for weak and strong electrolyte, Faraday's first and second law, corrosion and protection from it.</p> <p>CH 3: CHEMICAL KINETICS Average rate and instantaneous rate of reaction, differential rate equation, rate law, zero order and first order reactions.</p>	<p>PRACTICAL:</p> <p>Aim: prepare M/40 solution of Mohr's salt using it, find molarity of given KMnO_4 solution. Aim: prepare M/20 solution of oxalic acid using it find molarity of given KMnO_4 solution.</p>
May (22 days)	<p>CH 3: CHEMICAL KINETICS Arrhenius equation</p> <p>CH 4: d & f block elements Position in periodic table, atomic radius, alloy</p>	<p>Aim: Find Rf value of components present in ink. Aim: Find Rf value of Pb^{+2} and Cd^{+2} in mixture of salt.</p>

	REVISION	
July (23 Days)	<p style="text-align: center;">PERIODIC TEST – I 4 /07/26 (CHEMISTRY Exam)</p>	<p style="text-align: center;">Syllabus: CH 1: SOLUTIONS CH 2: ELECTROCHEMISTRY CH3:CHEMICAL KINETICS</p> <p style="text-align: center;">For Assignments please Click</p>
	<p>CH 4: d&f block elements metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$. Lanthanoids - Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences. Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids.</p> <p>CH 5: COORDINATE COMPOUNDS Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).</p>	<p>Aim: Identify the functional group alcohol, phenol, aldehyde and ketone in sample of organic compound.</p> <p>Aim: Identify the functional group amine and benzoic acid in given sample of organic compounds.</p>
August (19 Days)	<p>CH 6: HALOALKANES AND HALOARENES Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions. Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.</p> <p>CH 7: ALCOHOL, PHENOL AND ETHER Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism of dehydration, uses with special reference to methanol and ethanol.</p>	<p>Aim: Identify protein, fat, reducing and non-reducing sugar in given sample.</p>

	<p>Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols.</p> <p>Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.</p>	
<p>September (17 Days)</p>	<p style="text-align: center;">MIDTERM EXAMINATION 16/09/26 (Chemistry Exam)</p>	<p style="text-align: center;">Syllabus: CH 1: SOLUTIONS CH 2: ELECTROCHEMISTRY CH 3: CHEMICAL KINETICS CH 4: D&f BLOCK ELEMENTS CH 5: COORDINATE COMPOUNDS CH:6 HALOALKANES &HALOARENES CH:7ALCOHOL,PHENOL&ETHER</p> <p style="text-align: center;">For Assignments please Click</p>
<p>September (Post exam 06 Days)</p>	<p>CH 8: ALDEHYDE, KETONE AND CARBOXYLIC ACID Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses. Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties;</p>	<p>Aim: Detect acid and basic radicals in given salt</p>
<p>October (18 Days)</p>	<p>CH 9: AMINES Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines. Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.</p> <p>CH 10: BIOMOLECULES Carbohydrates - Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen);</p>	<p style="text-align: center;">PRACTICAL: SAS CLASS PRESENTATION BY STUDENTS</p>

	<p>Importance of carbohydrates.</p> <p>Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins; enzymes.</p> <p>Hormones - Elementary idea excluding structure.</p> <p>Vitamins - Classification and functions.</p> <p>Nucleic Acids: DNA and RNA.</p>	
<p>November (17 Days) - December (21 Days)</p>	<p>REVISION PREBOARD EXAMINATION 30/11/26 (Chemistry Exam)</p>	<p>ENTIRE SYLLABUS For Assignments please Click</p>
<p>January (22 Days)</p>	<p>PREBOARD EXAMINATION (Chemistry Exam) 6/01/27 CBSE PRACTICALS</p>	<p>ENTIRE SYLLABUS For Assignments please Click</p>
<p>February (10 Days)</p>	<p>Preparatory Leave for Board Examinations</p>	



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ANNUAL SYLLABUS

Session: 2026-27

CLASS XII

SUBJECT: BIOLOGY

MONTH & NO. OF DAYS	Books: NCERT NCERT EXEMPLAR EXAM IDEA	PRACTICALS/ ACTIVITIES
<p>April (20 Days)</p>	<p>CH:1 SEXUAL REPRODUCTION IN FLOWERING PLANTS Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; outbreeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation</p> <p>CH:2 REPRODUCTION IN HUMAN BEINGS Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis - spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea)</p>	<ol style="list-style-type: none"> 1. To study pollen germination through permanent slide. 2. To study adaptations in flowers for pollination by various agencies –Insects, water ,wind . 3. To study meiosis in onion bud cell or grass hopper testis through permanent slides. 4.Exercise on controlled pollination- emasculation, bagging and tagging.
<p>May (22 Days)</p>	<p>CH:3 REPRODUCTIVE HEALTH Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies.</p>	<ol style="list-style-type: none"> 5. To prepare a temporary mount showing germination of pollen grains. 6. To prepare temporary mount of onion root tip to study mitosis. 7. To study Gametogenesis –T. S of Ovary, Testis(Mammal) through permanent slides.

	<p>CH:4 PRINCIPLES OF INHERITANCE AND VARIATIONS</p> <p>Heredity and variation: Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in human being, birds and honey bee.</p>	
<p>July (23Days)</p>	<p style="text-align: center;">PERIODIC TEST – I 03/07/26 (Biology Exam)</p>	<p style="text-align: center;">Syllabus:</p> <p>CH:1 SEXUAL REPRODUCTION IN FLOWERING PLANTS CH:2 REPRODUCTION IN HUMAN BEINGS CH:3 REPRODUCTIVE HEALTH CH:4 PRINCIPLES OF INHERITANCE AND VARIATION (Up to sex determination in honey bee)</p> <p>For Assignments please Click</p>
	<p>CH:4 PRINCIPLES OF INHERITANCE AND VARIATIONS: (cont):- linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans -thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes</p> <p>CH:5 MOLECULAR BASIS OF INHERITANCE</p> <p>Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation; gene expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting.</p> <p>CH: 6 EVOLUTION</p> <p>Origin of life; biological evolution and evidences for biological evolution (palaeontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy - Weinberg's principle; adaptive radiation; human evolution.</p>	<p>8.To study stage Blastula (Amphibia)through permanent slide.</p> <p>9. Study and observe Mendelian inheritance using seeds of different colour/ size of any plant.</p> <p>10. To study prepared pedigree charts of genetic traits like rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.</p> <p>11. Study and observe the flash cards models showing examples of homologous and analogous organs.</p>

<p>August (19 Days)</p>	<p>CH: 7 HUMAN HEALTH AND DISEASES Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse.</p> <p>CH: 8 MICROBES IN HUMAN WELFARE Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use</p>	<p>12. To identify the common disease causing organisms like Ascaris, Entamoeba, Plasmodium , any fungus causing ring worm through specimens or slides. Comment on symptoms of diseases that they cause.</p> <p>13. Isolate DNA from available plant material such as Spinach, garden pea seed, papaya etc</p>
<p>September (17Days)</p>	<p style="text-align: center;">MID TERM – EXAMINATION 11/9/26 (Biology Exam)</p>	<p style="text-align: center;">SYLLABUS</p> <p>CH:1 SEXUAL REPRODUCTION IN FLOWERING PLANTS CH:2 REPRODUCTION IN HUMAN BEINGS CH:3 REPRODUCTIVE HEALTH CH:4 PRINCIPLES OF INHERITANCE AND VARIATION CH:5 MOLECULAR BASIS OF INHERITANCE CH:6 EVOLUTION CH:7 HUMAN HEALTH AND DISEASES CH:8 MICROBES IN HUMAN WELFARE</p> <p style="text-align: right;">For Assignments please Click</p>
<p>September (post exam) (06 Days)</p>	<p>CH: 9 BIOTECHNOLOGY PRINCIPLES AND PROCESSES Genetic Engineering (Recombinant DNA Technology).</p>	
<p>October (18 Days)</p>	<p>CH:10 BIOTECHNOLOGY AND ITS APPLICATION Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.</p> <p>CH: 11 ORGANISMS AND POPULATION Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution.</p>	<p>14. Study and observe model specimen showing symbiotic association in root modules of leguminous plants, cuscuta on host, lichens.</p> <p>15. Study population density by quadrat method.</p>

	(Topics excluded: Organism and its Environment, Major Abiotic Factors, Responses to Abiotic Factors, Adaptations) CH: 12 ECOSYSTEM Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution. (Topics excluded: Organism and its Environment, Major Abiotic Factors, Responses to Abiotic Factors, Adaptations)	
November (5 Days)	CH: 13 BIO-DIVERSITY AND ITS CONSERVATION Biodiversity - Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites.	16. Study population frequency by quadrat method.
November (12 Days) December (21 Days)	REVISION PREBOARD EXAMINATION - I 2/12/26 (Biology Exam)	ENTIRE SYLLABUS For Assignments please Click
January (22 Days)	REVISION PREBOARD EXAMINATION - II 8/01/27 (Biology Exam) CBSE PRACTICALS	ENTIRE SYLLABUS For Assignments please Click
February (10 Days)	Preparatory Leave for Board Examinations	

Project:

Class XII

Genetics and Evolution

1. Study of Mendelian Inheritance
2. DNA Fingerprinting
3. Genetic Variation and Mutation
4. Evolutionary Relationships

Human Physiology

1. Study of Human Digestive System

Biotechnology and Its Applications

1. Bioinformatics and Gene Sequencing
2. rDNA Technology
3. Biotechnology in Medicine
4. Environmental Biotechnology

Plant Physiology

1. Photosynthesis and Respiration

2. Blood Pressure and Hypertension
3. Human Immune System
4. Neurological Disorders

Ecology and Environment

1. Study of Ecosystem
2. Biodiversity and Conservation
3. Environmental Pollution
4. Wildlife Conservation

2. Plant Growth and Development
3. Plant Hormones and Their Functions
4. Plant Responses to Environmental Stimuli

Microbiology

1. Study of Microorganisms
2. Microbial Ecology
3. Microbial Biotechnology
4. Medical Microbiology



Brain International School

Recognised Senior Secondary School, Affiliated to CBSE
Vikas Puri, New Delhi

Computer Science (083)

Class : XII

Syllabus : 2026-27

Month And No. of Days	Textbook – Computer Science with Python by Preeti Arora Reference Book – NCERT	Activities/Learning Outcome
April (20 Days)	<p>Ch 1 : Review of Python Basics</p> <p>Keywords, Structure of Python Program, Variables and datatypes, Mutable and Immutable types, Operators and operands, Comments, Flow of control, Strings, Lists, tuples, Dictionaries.</p> <p>Ch 2 : Functions</p> <p>Advantages of functions, Types of functions, Parameters and Arguments, Types of Arguments</p>	<ul style="list-style-type: none">❖ Practice all the basic concepts of python learnt in class XI❖ Print 5 programs each of functions, after executing all programs in the computer lab and make a practical file.
May (22 Days)	<p>Ch 2 : Functions (Continued)</p> <p>Scope of a variable, Flow of execution using main() as a function, Flow of execution of a program containing function call</p> <p>Ch 4: Data File Handling</p> <p>Why use files, Data file operations, Opening and closing a file, File access modes, Reading from a text file, writing to a text file, Relative</p>	<ul style="list-style-type: none">❖ Execute 10 programs of file handling and add them to practical file❖ Learn to work with text, binary and csv files in python and practice 5 programs of each file

	and absolute path, Standard file streams.Binary File handling, Access modes, Reading and writing data to and from binary file, Random access in file using seek() and tell().Introduction to CSV, Why use CSV, CSV file handling in python, Reading from a CSV file , writing to a CSV file.	
July (23 Days)	PERIODIC TEST – I 03/06/26 (Computer Science Exam)	Syllabus: Ch 1,2,4 For Assignments please Click
	<p>Ch 3 : Exception Handling Errors in python and Debugging, Standard Exceptions in python, Handling Exceptions</p> <p>Ch 5 : Data Structures in python Stack, Implementation of stack using List, Push and Pop Operations in stack, Traversing and displaying elements in a stack, Applications of stack</p>	<ul style="list-style-type: none"> ❖ Learn to work with text, binary and csv files in python and practice 5 programs of each file .
August (19 Days)	<p>Ch 6 : Computer Networks Computer Network advantages, dis-advantages, Evolution of network, How does internet work, Different ways of sending data across network, Switching techniques, Networking devices, Communication technologies, Types of networks, Network topologies, Communication media, Network protocols, Introduction to Web services</p>	<ul style="list-style-type: none"> ❖ Learn to differentiate types of networks , networking devices, wired and wireless medium of communication. ❖ Should be able to suggest the type of network, devises required, topology etc for a network to be set up under given circumstances ❖ Practice menu driven programs stacks and add to practical file.
September (17 Days)	MID TERM EXAMINATION 11/09/26 (Computer Science Exam)	Syllabus: Ch 1,2,3,4,5,6 For Assignments please Click

September (Post exam 06 Days)	Ch 7 : Relational Databases and SQL DBMS, Need for DBMS, Components of database system, DBMS Models, Relational databases	
October (18 Days)	Ch 7 : Relational Databases and SQL (Continued) Introduction to SQL, features, advantages of SQL, Classification of SQL statements, DDL, DML and DQL commands, SQL datatypes, Constraints in SQL, SQL query processing, SQL Aliases, Putting text in query, Sorting in SQL, Aggregate functions, Group By, Having Clause, Aggregate functions and conditions on Groups. SQL Joins	<ul style="list-style-type: none"> ❖ Create student table with minimum 10 records and practice DDL, DML and DQL commands ❖ Practice Aggregate functions, math, string and data/time functions. ❖ Execute queries based on order by, group by clauses and equi joins ❖ Print 20 queries of sql with output and add them to practical file.
November (5 Days)	Ch 8 : Interface Python with SQL Introduction to Python-Mysql Connectivity, Installing MYSQL Connector, Establishing connection, Creating cursor object, Creating Database, Closing cursor and connection, Operations on Tables in a Nutshell	<ul style="list-style-type: none"> ❖ Add 5 connectivity programs in file ❖ Completion of project as per CBSE guidelines.
November (12 Days) - December (21 Days)	REVISION PREBOARD EXAMINATION I 02/12/26 (Computer Science Exam)	ENTIRE SYLLABUS For Assignments please Click
January (22 Days)	PREBOARD EXAMINATION II 08/01/27 (Computer Science Exam)	ENTIRE SYLLABUS For Assignments please Click
February (10 Days)	CBSE PRACTICALS Preparatory Leave for Board Examinations	



Brain International School

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Class – XII		Subject – MATHEMATICS (041)	Syllabus: 2026-27
MONTH & NO. OF DAYS	BOOK NCERT BOOK	SUGGESTED ACTIVITIES	
April (20 Days)	<p>Ch 1 Relations and Functions Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions.</p> <p>Ch 2 Inverse Trigonometric Functions Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions.</p> <p>CH 3 Matrices Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. On- commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries).</p>	<p>Activity 1 : To verify that the relation R in the set L of all the lines , l perpendicular to m is symmetric but neither reflexive nor transitive</p> <p>Activity 2 : To demonstrate a function which is one one but not onto</p> <p>Activity 3 To draw the graph of $\sin^{-1}x$</p>	

<p>May (22 days)</p>	<p>CH 4 Determinants Determinant of a square matrix (up to 3 x 3 matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix</p>	<p>For Assignments please Click</p>
	<p>CH 5 Continuity and Differentiability Continuity and differentiability, chain rule, derivative of inverse trigonometric functions, <i>like</i> $\sin^{-1} x$, $\cos^{-1} x$ and $\tan^{-1} x$, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives.</p>	<p>Activity 4 : To find analytically the limit of a function $f(x)$ at $x=c$</p>
<p>July (23 Days)</p>	<p style="text-align: center;">PERIODIC TEST- I 02/07/26 (Maths Exam)</p> <p>Ch 6 Applications of Derivatives Applications of derivatives: rate of change of quantities , increasing/decreasing functions, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real- life situations).</p> <p>CH 7 Integrals topic: indefinite integrals Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals of the following types and problems based on them</p> $\int \frac{dx}{a^2} \int \frac{dx}{\sqrt{x^2 \pm a^2}} \int \frac{dx}{\sqrt{a^2 - x^2}} \int \frac{dx}{ax^2 + bx + c} \int \frac{dx}{\sqrt{ax^2 + bx + c}} \int (px + q) dx \int x^{2 \pm}$	<p>Syllabus: Ch 1 to Ch 5</p> <p style="text-align: center;">Activity 5: To understand the concept of local max min and point of inflexion</p> <p style="text-align: center;">Activity 6 : To construct an open box</p>

	$\int \frac{px+q}{\sqrt{ax^2+bx+c}} dx, \int \sqrt{a^2 \pm x^2} dx, \int \sqrt{x^2 - a^2} dx, \int \sqrt{ax^2+bx+c} dx$	<p>of max volume from a given rectangular sheet by cutting equal squares from each corner</p>
<p>August (19 Days)</p>	<p>Ch 7 Integrals topic: Definite integrals Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.</p> <p>CH 8 Applications of the Integrals: Applications in finding the area under simple curves, especially lines, circles/parabolas/ellipses (in standard form only)</p> <p>CH 9 Differential Equations Definition, order and degree, general and particular solutions of a differential equation. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation of the type Solutions of linear differential equation of the type:</p> <p>$\frac{dy}{dx} + py = q$, where p and q are functions of x or constants</p> <p>$\frac{dx}{dy} + px = q$, where p and q are functions of y or constants.</p>	<p>Activity 7: To verify that amongst all the rectangles of the same perimeter, the square has the max area</p>

<p>September (17 Days)</p>	<p style="text-align: center;">MIDTERM EXAMINATION 14/09/26 (Maths Exam)</p>	<p>Syllabus Ch 1 Relations and Functions Ch 2 Inverse Trigonometric Functions</p> <p>CH 3 Matrices</p> <p>CH 4 Determinants</p> <p>CH 5 Continuity and Differentiability</p> <p>Ch 6 Applications of Derivatives</p> <p>Chapter 7 integration</p> <p>CH 8 Applications of the Integrals:</p> <p style="text-align: center;">:</p> <p>For Assignments please Click</p>
<p>September (Post exam) (06 Days)</p>	<p>CH 10 Vectors</p> <p>Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors,</p>	<p>Activity 8 : TO verify that $\vec{c} \times (a + b) = \vec{c} \times a + \vec{c} \times b$</p>
<p>October (18 Days)</p>	<p>Ch 10 vectors vector (cross) product of vectors.</p> <p>CH 11 .Three - dimensional Geometry</p> <p>Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, skew lines, shortest distance between two lines. Angle between two lines.</p>	<p>Activity 9 : To measure the shortest distance between two skew lines and verify it</p> <p>Activity 10: To explain the conditional probability</p>

	<p>Ch 12 .Linear Programming</p> <p>Introduction, related terminology such as constraints, objective function, optimization, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints)</p> <p>Ch 13 .Probability</p> <p>Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem .</p>	
November (5 days)	<p>Ch 13 .Probability</p> <p>independent events, total probability, Bayes' theorem</p>	
November (12 Days) December (21 days)	<p>.REVISION</p> <p>PREBOARD EXAMINATION I 27/11/26 (Maths Exam)</p>	<p>ENTIRE SYLLABUS</p> <p>For Assignments please Click</p>
January (22 Days)	<p>PREBOARD EXAMINATION II 2/01/27 (Maths Exam)</p> <p>CBSE PRACTICALS</p>	<p>ENTIRE SYLLABUS</p> <p>For Assignments please Click</p>
February (10 Days)	<p>Preparatory Leave for Board Examinations</p>	



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Class – XII

ECONOMICS (030)

Syllabus: 2026-27

MONTH & NO. OF DAYS	BOOK INDIAN ECONOMIC DEVELOPMENT – BY SANDEEP GARG MACROECONOMICS – BY SANDEEP GARG	SUGGESTED ACTIVITIES
<p>April (20 Days)</p>	<p><u>MACROECONOMICS</u></p> <p>CH 1: CIRCULAR FLOW OF INCOME Circular flow of income (two sector model)</p> <p>CH 2: BASIC CONCEPTS OF MACROECONOMICS What is Macroeconomics? Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate goods; stocks and flows; gross investment and depreciation.</p> <p>CH 3: NATIONAL INCOME AND RELATED AGGREGATES Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP, GDP Deflator, GDP and Welfare</p> <p>CH 4 MEASUREMENT OF NATIONAL INCOME Methods of calculating National Income - Value Added or Product method, Expenditure method, Income method.</p>	<p>Students create a concept map linking GDP, GNP, NNP, NDP, Personal Income & Disposable Income.</p> <ul style="list-style-type: none"> • Include formulas and relationships. • Best charts can be displayed in class.
<p>May (22 days)</p>	<p><u>INDIAN ECONOMIC DEVELOPMENT</u></p> <p>CH 1 INDIAN ECONOMY ON THE EVE OF INDEPENDENCE. A brief introduction of the state of Indian economy on the eve of</p>	<p>Collect information on all five-Year plans implemented in India including their aim, target and success.</p>

	<p>independence. .</p> <p>CH 2 INDIAN ECONOMY (1950-1990) Indian economic system and common goals of Five Year Plans. Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade</p> <p>CH 3 ECONOMIC REFORMS: LIBERALIZATION, PRIVATIZATION AND GLOBALIZATION Economic Reforms since 1991: Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST</p>	<p>Analyze the impact of Economic reforms Indian Economic Development.</p>
<p>July (23 days)</p>	<p>PERIODIC TEST 1 1st July (Economics Exam)</p> <p><u>INDIAN ECONOMIC DEVELOPMENT</u></p> <p>CH 4 HUMAN CAPITAL FORMATION How people become resource; Role of human capital in economic development;</p> <p>CH 5 RURAL DEVELOPMENT How people become resource; Role of human capital in economic development; Growth of Education Sector in India Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming</p> <p>CH 6 EMPLOYMENT: GROWTH, INFORMALIZATION AND OTHER ISSUES Employment: Growth and changes in work force participation rate in formal and informal sectors; problems and policies</p> <p><u>MACRO ECONOMICS</u></p> <p>CH 5 MONEY Money – meaning and functions, supply of money - Currency held by the public and net demand deposits held by commercial banks.</p>	<p>Syllabus: MACROECONOMICS CH: 1,2,3,4 INDIAN ECONOMIC DEVELOPMENT CH:1,2</p> <p>For Assignments please Click</p> <p>GD on the topic – Informalization of workforce</p>

	Money creation by the commercial banking system	
August (19 Days)	<p><u>MACROECONOMICS</u></p> <p>CH 6 BANKING Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, Cash Reserve Ratio (CRR), Statutory Liquidity Ratio (SLR), Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement.</p> <p>CH 7 AGGREGATE DEMAND AND RELATED CONCEPTS Aggregate demand and its components. Propensity to consume and propensity to save (average and marginal).</p> <p>CH 8 INCOME DETERMINATION AND MULTIPLIER Short-run equilibrium output; investment multiplier and its mechanism. Meaning of full employment and involuntary unemployment.</p> <p>CH 9 EXCESS DEMAND AND DEFICIENT DEMAND Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply.</p>	Visit to any Bank and collect the information regarding its functioning.
September (17 Days)	<p>MIDTERM EXAMINATION</p> <p>09/09/26</p> <p>(Economics Exam)</p>	<p>Syllabus:</p> <p>MACROECONOMICS CH: 1,2,3,4,5,6,7,8,9</p> <p>INDIAN ECONOMIC DEVELOPMENT</p> <p>CH:1,2,3,4,5,6</p> <p>For Assignments please Click</p>
September (Post exam 06 Days)	<p><u>INDIAN ECONOMIC DEVELOPMENT</u></p> <p>CH 7 ENVIRONMENT AND SUSTAINABLE DEVELOPMENT Meaning, Effects of Economic Development on Resources and Environment, including global warming</p>	

<p>October (18 Days)</p>	<p><u>INDIAN ECONOMIC DEVELOPMENT</u></p> <p>CH 8 COMPARATIVE DEVELOPMENT EXPERIENCE OF INDIA AND ITS NEIGHBORS A comparison with neighbours India and Pakistan India and China Issues: economic growth, population, sectoral development and other Human Development Indicators</p> <p><u>MACROECONOMICS</u></p> <p>CH 10 GOVT BUDGET AND THE ECONOMY Government budget - meaning, objectives and components. Classification of receipts - revenue receipts and capital receipts; Classification of expenditure – revenue expenditure and capital expenditure. Balanced, Surplus and Deficit Budget – measures of government deficit.</p> <p>CH 11 FOREIGN EXCHANGE RATE Foreign exchange rate - meaning of fixed and flexible rates and managed floating. Determination of exchange rate in a free market, Merits and demerits of flexible and fixed exchange rate. Managed Floating exchange rate system</p>	<p>Students will prepare a mini budget for a hypothetical country:</p> <ul style="list-style-type: none"> • Estimate Revenue Receipts & Capital Receipts • Allocate Revenue & Capital Expenditure • Identify whether budget is Balanced/Deficit/Surplus • Groups justify their budget priorities (education, defence, health, etc.)
<p>November (5 days)</p>	<p>CH 12 BALANCE OF PAYMENTS Balance of payments account - meaning and components; Balance of payments – Surplus and Deficit</p>	
<p>November (12 Days) - December (21 Days)</p>	<p style="text-align: center;">REVISION PREBOARD EXAMINATION I 25/11/26 (Economics Exam)</p>	<p style="text-align: center;">ENTIRE SYLLABUS For Assignments please Click</p>
<p>January (22 Days)</p>	<p style="text-align: center;">PREBOARD EXAMINATION II 30/12/26 (Economics Exam)</p> <p style="text-align: center;">CBSE PRACTICALS</p>	<p style="text-align: center;">ENTIRE SYLLABUS For Assignments please Click</p>
<p>February (10 Days)</p>	<p style="text-align: center;">Preparatory Leave for Board Examinations</p>	



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Class – XII

ACCOUNTANCY (055)

Syllabus: 2026-27

MONTH & NO. OF DAYS	Books -Accountancy (NCERT) -Accounting for Partnership Firms Vol. I (T.S Grewal) -Accounting for Companies Vol. II (T.S Grewal) -Analysis of Financial Statements Vol. III (T.S Grewal)	SUGGESTED ACTIVITIES
April (20 Days)	<p>ACCOUNTING FOR PARTNERSHIP FIRMS CH.1: FUNDAMENTALS OF PARTNERSHIP</p> <ul style="list-style-type: none"> • Partnership: features, Partnership Deed • Provisions of the Indian Partnership Act 1932 in the absence of partnership deed. • Calculation of interest on loan, interest on capital, interest on drawings, remuneration to partners. • Fixed v/s fluctuating capital accounts. • Preparation of Profit and Loss Appropriation account-division of profit among partners, guarantee of profits. • Past adjustments (relating to interest on capital, interest on drawing, salary and profit-sharing ratio) <p>CH.2: GOODWILL: NATURE AND VALUATION</p> <ul style="list-style-type: none"> • Nature, factors affecting and need for valuation of Goodwill. • Methods of valuation - average profit, super profit and capitalization. 	<ul style="list-style-type: none"> ❖ Prepare a Partnership Deed ❖ Compare the change in the valued goodwill of a Partnership firm over a period of 5 years.

<p>May (22 Days)</p>	<p>CH.3: CHANGE IN PROFIT -SHARING RATIO AMONG THE EXISTING PARTNERS</p> <ul style="list-style-type: none"> • Calculation of sacrificing ratio, gaining ratio. • Accounting for revaluation of assets and reassessment of liabilities. • Treatment of reserves and accumulated profits and Losses. • Preparation of revaluation account, capital account and balance sheet. <p>CH.4: ADMISSION OF A PARTNER</p> <ul style="list-style-type: none"> • Change in the profit- sharing ratio. • Treatment of goodwill (as per AS 26) • Treatment for revaluation of assets and re- assessment of liabilities. • Treatment of reserves and accumulated profits and losses. • Adjustment of capital accounts and preparation of capital, current account and balance sheet. <p>CH.5: RETIREMENT OF A PARTNER</p> <ul style="list-style-type: none"> • Calculation of change in profit sharing ratio. • Treatment of goodwill (as per AS 26). • Treatment for revaluation of assets and reassessment of liabilities. • Adjustment of accumulated profits, losses and reserves. 	<ul style="list-style-type: none"> ❖ Mind Map on Journal Entries for the treatment of IFR and WCR. ❖ Quiz
<p>July (23 Days)</p>	<p style="text-align: center;">PERIODIC TEST – I 30/06/26 (Accountancy Exam)</p> <p>CH.5: RETIREMENT OF A PARTNER</p> <ul style="list-style-type: none"> • Adjustment of capital accounts and preparation of capital, current account and balance sheet. • Preparation of loan account of the retiring partner. <p>CH.6: DEATH OF A PARTNER</p> <ul style="list-style-type: none"> • Calculation of change in profit sharing ratio. • Treatment of goodwill (as per AS 26). • Treatment for revaluation of assets and reassessment of liabilities. • Adjustment of accumulated profits, losses and reserves. • Calculation of deceased partner’s share of profit till the date of 	<p style="text-align: center;">Syllabus: Ch. 1,2,3 (Part A)</p> <p style="text-align: center;">For Assignments please Click</p> <p>Collect the financials of any one company for the year ending on March 31, 2026.</p>

	<p>death.</p> <ul style="list-style-type: none"> • Preparation of deceased partner’s capital account and his executor’s account. <p>CH.7: DISSOLUTION OF A PARTNERSHIP FIRM</p> <ul style="list-style-type: none"> • Meaning of dissolution of partnership and partnership firm. • Types of dissolution of a firm. • Settlement of accounts - preparation of realization account and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s)). 	
<p>August (19 Days)</p>	<p>ANALYSIS OF FINANCIAL STATEMENTS</p> <p>CH.1: FINANCIAL STATEMENTS OF A COMPANY</p> <ul style="list-style-type: none"> • Meaning, Nature, Uses and importance of financial statements. • Statement: Profit and the Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013). <p>Note: Exceptional items, extraordinary items and profit(loss) from discontinued operations are excluded.</p> <p>CH.2: FINANCIAL STATEMENTS ANALYSIS</p> <ul style="list-style-type: none"> • Meaning, Significance, Objectives, importance and limitations of analysis of financial statements. • Types of analysis. • Users of Analysis of Financial Statements. <p>CH.3: COMPARATIVE AND COMMON SIZE STATEMENTS</p> <ul style="list-style-type: none"> • Meaning and preparation of Comparative Statements. • Meaning and preparation of Common Size Statements. <p>CH.4: ACCOUNTING RATIOS</p> <ul style="list-style-type: none"> • Liquidity Ratios: Current ratio and Quick ratio. • Solvency Ratios: Debt to Equity Ratio, Total Asset to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio, Debt to capital employed ratio. • Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio, Fixed Assets Turnover Ratio, Net Assets Turnover Ratio and Working Capital 	<p>CBSE Accountancy Project Work</p>

	<p>Turnover Ratio.</p> <ul style="list-style-type: none"> • Profitability Ratios: Gross Profit Ratio, Operating Ratio Operating Profit Ratio, Net Profit Ratio and Return on Investment 	
<p>September (17 Days)</p>	<p style="text-align: center;">MID-TERM EXAMINATION 7/09/26 (Accountancy Exam)</p>	<p>Syllabus: Ch. 1,2,3,4,5,6,7 (Part A) Ch. 1,2,3,4 (Part B)</p> <p>For Assignments please Click</p>
<p>September (Post exam) (06 Days)</p>	<p>CH.5: CASH FLOW STATEMENT</p> <ul style="list-style-type: none"> • Meaning, objectives, benefits Cash and Cash Equivalents. • Classification of Activities and preparation of Cash Flow Statement (as per AS-3 (Revised) Indirect Method only). <p>Note:</p> <ul style="list-style-type: none"> • Adjustments relating to depreciation and amortization, profit or loss on sale of assets including investments, dividend (both final and interim) and tax • Bank overdraft and cash credit to be treated as short term borrowings. • Current Investments to be taken as Marketable securities unless otherwise specified. <p>Note: Previous years' Proposed Dividend to be given effect, as prescribed in AS-4, Events occurring after the Balance Sheet date. Current years' Proposed Dividend will be accounted for in the next year after it is declared by the shareholders.</p>	<p>CBSE Accountancy Project Work</p>
<p>October (18 Days)</p>	<p>CH.5: CASH FLOW STATEMENT</p> <ul style="list-style-type: none"> • Practice of CFS Questions <p>ACCOUNTING FOR COMPANIES CH.8: ACCOUNTING FOR SHARE CAPITAL</p> <ul style="list-style-type: none"> • Features and types of companies. • Share and share capital: nature and types. • Accounting for share capital: issue and allotment of equity and preferences shares. Public subscription of shares. • Over subscription and under subscription of shares; issue at par and at premium, calls in advance and arrears (excluding interest), issue of shares for consideration other than cash. • Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity Shares. 	<p>CBSE Accountancy Project Work</p>

	<ul style="list-style-type: none"> Accounting treatment of forfeiture and re-issue of shares. Disclosure of share capital in the Balance Sheet of a company. 	
November (05 days)	<p>CH.9: ACCOUNTING FOR ISSUE OF DEBENTURES</p> <ul style="list-style-type: none"> Debentures: Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash. Issue of debentures with terms of redemption. Debentures issued as collateral security. Interest on debentures (concept of TDS is excluded). Writing off discount / loss on issue of debentures. <p>Note: Discount or loss on issue of debentures to be written off in the year debentures are allotted from Security Premium Reserve (if it exists) and then from Statement of Profit and Loss as Financial Cost (AS 16).</p>	
November (12 Days) - December (21 Days)	<p style="text-align: center;">REVISION PREBOARD EXAMINATION I 23/11/26 (Accountancy Exam)</p>	<p style="text-align: center;">ENTIRE SYLLABUS For Assignments please Click</p>
January (22 Days)	<p style="text-align: center;">PREBOARD EXAMINATION II 4/01/27 (Accountancy Exam) CBSE PRACTICALS</p>	<p style="text-align: center;">ENTIRE SYLLABUS For Assignments please Click</p>
February (10 Days)	Preparatory Leave for Board Exams	

Project Work

One specific project based on financial statement analysis of a company covering any two aspects from the following:

1. Comparative and common size financial statements
2. Accounting Ratios
3. Segment Reports
4. Cash Flow Statements



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Class – XII

BUSINESS STUDIES (054)

Syllabus: 2026-27

MONTH & NO. OF DAYS	Books -NCERT -Reference Book: By Subhash Dey (Shree Radhey Publications)	SUGGESTED ACTIVITIES
<p>April (20 Days)</p>	<p>CH.1: NATURE AND SIGNIFICANCE OF MANAGEMENT</p> <ul style="list-style-type: none"> • Management – concept (meaning and features), objectives and importance • Management as Science, Art and Profession • Levels of management • Management functions - planning, organizing, staffing, directing and controlling • Coordination – concept and importance <p>CH.2: PRINCIPLES OF MANAGEMENT</p> <ul style="list-style-type: none"> • Principles of Management – concept and significance • Fayol's principles of management • Taylor's Scientific Management - principles and techniques 	<p>Test the application of Principles of management on any one organisation.</p>
<p>May (22 Days)</p>	<p>CH.3: BUSINESS ENVIRONMENT</p> <ul style="list-style-type: none"> • Business Environment - concept and importance • Dimensions of Business Environment - Economic, Social, Technological, Political and Legal • Demonetization- concept and features <p>CH.11: MARKETING MANAGEMENT</p> <ul style="list-style-type: none"> • Marketing Management – Concept, function and philosophies. • Marketing Mix - concept and elements • Product - Branding, labeling and packaging-Concept. 	<p>Prepare a case study of an organisation depicting the interrelation of various dimensions of business environment.</p>

	<ul style="list-style-type: none"> • Price - Concept and factors determining price. • Physical distribution- concept and components and channels of distribution. • Promotion -concept and elements; Advertising, Personal Selling Sales Promotion and Public Relations. <p>CH.4: PLANNING</p> <ul style="list-style-type: none"> • Concept, importance and limitations • Planning process • Single use and Standing Plans - Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme. 	
<p>July (23 Days)</p>	<p>PERIODIC TEST – I 04/07/26 (Business Studies Exam)</p>	<p>Syllabus: Ch. 1,2,11</p> <p>For Assignments please Click</p>
	<p>CH.5: ORGANISING</p> <ul style="list-style-type: none"> • Concept and importance. • Organizing Process. • Structure of organization - functional and divisional-concept • Formal and informal organization-concept • Delegation: concept, elements and importance. • Decentralization: concept and importance. <p>CH.6: STAFFING</p> <ul style="list-style-type: none"> • Concept and importance of staffing • Staffing as a part of Human Resource Management - Concept • Staffing process: Recruitment - process; Selection – process • Training and Development - Concept and importance. Methods of training- on the job and off the job- vestibule training, apprenticeship training and internship training. 	<p>Prepare PPT on process of Planning, Organising and Staffing</p>

<p>August (19 Days)</p>	<p>CH.7: DIRECTING</p> <ul style="list-style-type: none"> • Concept and importance • Elements of Directing • Motivation - concept, Maslow’s hierarchy of needs, Financial and non-financial incentives • Leadership - concept, styles - authoritative, democratic and laissez faire • Communication - concept, formal and informal communication; barriers to effective communication, how to overcome the barriers? <p>CH.8: CONTROLLING</p> <ul style="list-style-type: none"> • Concept and importance • Relationship between planning and controlling • Steps in the process of control 	<p>CBSE Project Work</p>
<p>September (17 Days)</p>	<p style="text-align: center;">MID-TERM EXAMINATION 16/09/26 (Business Studies Exam)</p>	<p>Syllabus: Ch. 1,2,3,4,5,6,7,8,11</p> <p>For Assignments please Click</p>
<p>September (Post exam) (06 Days)</p>	<p>CH.12: CONSUMER PROTECTION</p> <ul style="list-style-type: none"> • Concept and importance of consumer protection. • Consumer Protection Act 2019 • Meaning of consumer. • Rights and responsibilities of consumers • Who can file a complaint? • Redressal machinery. • Remedies available. • Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs). 	<p>CBSE Project Work</p>
<p>October (18 Days)</p>	<p>CH.9: FINANCIAL MANAGEMENT</p> <ul style="list-style-type: none"> • Concept, role and objectives • Financial decisions: Investing, Financing and Dividend- Meaning & factors affecting • Capital Structure: Concepts and factors affecting capital structure • Fixed and Working Capital: Concept and factors affecting the requirement. 	<p>CBSE Project Work</p>

November (05 days)	CH.10: FINANCIAL MARKETS <ul style="list-style-type: none"> • Financial markets: Concepts • Money market: Concepts • Capital market and its types (Primary and Secondary) • Stock Exchange- Functions and Trading Procedure • SEBI- Objectives and Functions 	CBSE Project Work
November (12 Days) - December (21 Days)	<p style="text-align: center;">REVISION PREBOARD EXAMINATION I 30/11/26 (Business Studies Exam)</p>	<p style="text-align: center;">ENTIRE SYLLABUS For Assignments please Click</p>
January (22 Days)	<p style="text-align: center;">PREBOARD EXAMINATION II 6/01/27 (Business Studies Exam) CBSE PRACTICALS</p>	<p style="text-align: center;">ENTIRE SYLLABUS For Assignments please Click</p>
February (10 Days)	<p style="text-align: center;">Preparatory Leave for Board Exams</p>	

CBSE PROJECT WORK:

One project out of the following topics:

1. Elements of Business Environment
2. Principles of Management
3. Stock Exchange
4. Marketing



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Informatics Practices (065)

Class : XII

Syllabus : 2026-27

Month And No. of Days	Textbook – Informatics Practices by Preeti Arora Reference Book (NCERT)	Activities/ Learning Outcome
April (20 Days)	Ch 1 : Data Handling Using Pandas Pandas, Features of Pandas, Installation, Data structures in Pandas, Series, Creation of Series, Naming a series, Accessing Data, iloc[], loc[] indexing functions, Series Attributes, Mathematical and Vector operations on series, Retrieving values using conditions, Deleting elements from series, Comparing the series.	<ul style="list-style-type: none">❖ Practice all the programs of Series and Dataframes explained in class in computer lab❖ Print 5 programs each of series and dataframes after executing all programs in computer lab and make practical file
May (22 Days)	Ch 1 : Data Handling Using Pandas (Continued) DataFrames, Creation of dataframe, Attributes, Setting/Resetting index of dataframe, Retrieving and accessing Rows and Columns from Dataframe, Operations on Rows and Columns, Iteration in dataframe, head() and tail() functions, Boolean indexing, CSV files, data transfer between pandas and CSV Ch 2 : Data Visualization using Matplotlib Introduction to NumPy and Matplotlib modules, Installation, Types of Visualization, Basic Nomenclature of a plot, Visualization in Pandas, Line Plot, Customization of plots, Bar chart, Customization of Bar Chart, Histogram, Customizing Histogram, Saving plots to file.	<ul style="list-style-type: none">❖ Given school data, analyze the performance of students based on different parameters❖ For the dataframes created above analyze and plot different charts with legend and title❖ Print 2 programs each of line plot, bar plot and histogram after executing and add to practical file

	REVISION	
July (23 Days)	PERIODIC TEST – I 03/06/26 (Informatics Practices Exam)	Syllabus: Ch 1,2 For Assignments please Click
	<p>Ch 3 : Review of Database Concepts and SQL</p> <p>Revision of Database concepts and SQL commands covered in class XI Introduction to SQL, features, advantages of SQL, Classification of SQL statements, DDL, DML and DQL commands, SQL datatypes, Constraints in SQL, SQL query processing, SQL Aliases, Putting text in query, Sorting in SQL.</p>	<ul style="list-style-type: none"> ❖ Create student table with minimum 10 records and practice DDL, DML and DQL commands ❖ Practice Aggregate functions, math, string and data/time functions. ❖ Execute queries based on order by, group by clauses and equi joins
August (19 Days)	<p>Ch 4 : Database Query Using SQL</p> <p>Single Row functions – Mathematical, string and Date/Time functions Aggregate functions, Querying and manipulating data using Group by, Having, Order by, Working with two tables using Equi joins.</p>	<ul style="list-style-type: none"> ❖ Print 20 queries of sql with output and add them to practical file. ❖ Completion of project as per CBSE guidelines.
September (17 Days)	MID TERM EXAMINATION 11/09/26 (Informatics Practices Exam)	Syllabus: Ch 1,2,3,4(upto Aggregate functions) For Assignments please Click
September (Post exam 06 Days)	<p>Ch 5 : Computer Networks</p> <p>Computer Network advantages, dis-advantages, Evolution of network, How does internet work, Networking devices, Communication technologies, Types of networks, Network topologies, Communication media, Network protocols, Introduction to Web services</p>	<ul style="list-style-type: none"> ❖ Learn to differentiate types of networks, networking devices, wired and wireless medium of communication. ❖ Should be able to suggest the type of network, devices required, topology etc. for a network to be set up under given circumstances
	<p>Ch 6 : Societal Impacts</p> <p>Digital Footprints, Net and Communication Etiquette, Data Protection, IRP, Plagiarism, Licensing and copyright, free and open-source</p>	

October (18 Days)	software's (FOSS), Cyber Crime and Cyber Law, Hacking, Phishing, Cyber bullying IT Act 2000, E-Waste Hazards and management, Awareness about health concerns related to the usage of technology.	❖ Learn thoroughly the topics such as IRP, plagiarism, cybercrime, cyber law, e-waste management and safeguard your sensitive data
November (5 Days)	Ch 6. Societal Impacts Continued	.
November (12 Days) - December (21 Days)	REVISION PREBOARD EXAMINATION I 02/12/26 (Informatics Practices Exam)	ENTIRE SYLLABUS For Assignments please Click
January (22 Days)	PREBOARD EXAMINATION II 08/01/26 (Informatics Practices Exam) CBSE PRACTICALS	ENTIRE SYLLABUS For Assignments please Click
February (10 Days)	Preparatory Leave for Board Examinations	



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CLASS XII

SUBJECT: POLITICAL SCIENCE (028)

SYLLABUS- 2026-27

MONTH	TEXTBOOK –NCERT <u>PART A: CONTEMPORARY WORLD POLITICS</u> <u>PART B: POLITICS IN INDIA SINCE INDEPENDENCE</u>	SUGGESTED ACTIVITIES
April (20 Days)	<p><u>Part A Contemporary World Politics</u> CHAPTER 1: THE END OF BIPOLARITY. The Soviet System. Gorbachev and the disintegration. Causes and Consequences of disintegration of the Soviet Union. Shock Therapy and its Consequences. New entities in world politics-Russia, Balkan States, Central Asian States. India’s relations with Russia and other post-communist countries</p> <p><u>Part B: Politics in India Since Independence</u> CHAPTER 1: CHALLENGES OF NATION-BUILDING Challenges for the new Nation-Three Challenges. Partition: Displacement and Rehabilitation-Consequences of Partition. Integration of Princely States-The problem, Government’s approach, Hyderabad, Manipur. Reorganisation of States.</p> <p>CHAPTER 2: ERA OF ONE-PARTY DOMINANCE Challenges of building democracy. Congress dominance in the first three general elections-Nature of Congress dominance, Congress as social and ideological coalition, Tolerance and management of</p>	<p>Activity: Map work of India after independence.</p> <p>Activity: “China is the next superpower.”</p> <p>Activity: Find out articles from first general elections and paste them in your register</p>

	Factions. Emergence of opposition parties.	
May (22 Days)	<p><u>Part B: Politics in India Since Independence</u> CHAPTER 3: POLITICS OF PLANNED DEVELOPMENT Political contestation-Ideas of Development, Planning, Planning Commission. The Early Initiatives-The First Five Year Plan, Rapid Industrialisation.</p> <p><u>Part A Contemporary World Politics</u> CHAPTER 2: CONTEMPORARY CENTRES OF POWER European Union. Association of Southeast Asian Nations. Rise of China as an economic power. Japan and South Korea as emerging powers.</p>	<p>Activity: Budget Simulation – Five-Year Plan</p> <p>Activity: Debate on – ‘Will SAARC ever be as strong as EU?’</p>
July (23 Days)	<p style="text-align: center;">PERIODIC TEST-I 30/06/26 (Political Science Exam)</p> <p><u>Part A Contemporary World Politics</u> CHAPTER 3: CONTEMPORARY SOUTH ASIA Military and Democracy in Pakistan and Bangladesh. Monarchy and Democracy in Nepal. Ethnic Conflict and Democracy in Sri Lanka. India-Pakistan Conflicts. India and its Neighbours. Peace and Cooperation.</p> <p>CHAPTER 4: INTERNATIONAL ORGANIZATIONS Meaning and importance of International Organisations. Evolution of the UN. Structure and function of International Organisations. Principal Organs of UN. Reform of the UN after Cold War. Reform of Structures, Processes and Jurisdiction of the UN. India and the UN Reforms. Key Agencies: IMF, World Bank, WTO, ILO, IAEA. NGO: Amnesty International, Human Rights Watch. Implications and Future of International Organizations.</p>	<p style="text-align: center;">PART A – CH 1 PART B – CH 1, 2 & 3</p> <p style="text-align: center;">For Assignments please Click</p> <p>Activity: Debate on making India a permanent UNSC member.</p> <p>Activity: Documentary Review – Cyber security & Terrorism</p> <p>Activity: Diplomatic Dialogue – India’s Foreign Policy</p>

	<p><u>Part B: Politics in India Since Independence</u> CHAPTER 4: INDIA'S EXTERNAL RELATIONS International Context. The Policy of Non-Alignment- Nehru's role, Distance from two camps, Afro-Asian Unity. Peace and conflict with China- The Chinese Invasion 1962, War and Peace with Pakistan, Bangladesh War 1971. India's Nuclear Policy.</p>	
<p>August (19 Days)</p>	<p><u>Part A Contemporary World Politics</u> CHAPTER 5: SECURITY IN THE CONTEMPORARY WORLD Meaning and Type of Security. Traditional concept of security. Non-traditional notions of Security. New Sources of Threats. Cooperative Security. India's Security Strategy.</p> <p><u>Part B: Politics in India Since Independence</u> CHAPTER 5: CHALLENGES TO AND RESTORATION OF THE CONGRESS SYSTEM Challenge of Political Succession- From Nehru to Shastri, From Shastri to Indira Gandhi. Fourth General Election 1967- Context of the Election, Non-Congressism, Electoral Verdict, Coalitions, Defections. Split in the Congress- Indira vs the Syndicate, Presidential Election 1969. The 1971 Election and Restoration of Congress- The outcome and after Restoration.</p> <p>CHAPTER 6: THE CRISIS OF DEMOCRATIC ORDER Background to Emergency-Economic Context, Gujarat and Bihar Movements, Conflict with Judiciary. Declaration of Emergency-Crisis and response, Consequences. Lessons of the Emergency. Politics after Emergency-Lok Sabha Elections 1977, Janata Government, Legacy.</p>	<p>Activity: A debate/trial on whether the emergency was justified.</p> <p>Activity: Poster making on Topic: "Common but Differentiated Responsibilities"</p> <p>Activity: Discussion on various Naxalite movements</p>
<p>September (17 Days)</p>	<p style="text-align: center;">MID TERM EXAMINATION 7/09/26 (Political Science Exam)</p>	<p style="text-align: center;">Syllabus: Part A- Ch-1, 2,3,4,5 Part B- Ch 1,2,3,4,5,6</p> <p style="text-align: center;">For Assignments please Click</p>

September (Post Exam) (06 Days)	CHAPTER 7: REGIONAL ASPIRATIONS Region and the Nation-Indian Approach, Areas of Tension, Jammu and Kashmir, Roots of the Problem, External and Internal disputes, Politics since 1948, Insurgency and after, 2002 and Beyond. Punjab-Political Context, Cycle of Violence, Road to Peace. The Northeast-Demand for autonomy, Secessionist Movements, Movements against outsiders, Assam and National Integration.	
October (18 Days)	<u>Part A Contemporary World Politics</u> CHAPTER 7: GLOBALISATION Concept of globalisation. Causes and Consequences of globalisation. India and globalisation. Resistance to globalisation. India and resistance to globalisation. <u>Part B: Politics in India Since Independence</u> CHAPTER 8: RECENT DEVELOPMENTS IN INDIAN POLITICS Context of 1990s, Era of Coalition-Alliance Politics. Political rise of the Backward Classes-Mandal Implemented, Political Fallouts. Communalism, Secularism and Democracy-Ayodhya Dispute, Demolition and after. Emergence of New Consensus, Lok Sabha Elections 2004, Growing Consensus.	Activity: Debate on rise of two party system – Congress and BJP. Activity: Globalization Debate – “Boon or Bane?”
November (17 Days)- December (21 Days)	REVISION PREBOARD EXAMINATION I 23/11/26 (Political Science Exam)	ENTIRE SYLLABUS For Assignments please Click
January (22 Days)	PREBOARD EXAMINATION II 4/01/26 (Political Science Exam) CBSE PRACTICALS	ENTIRE SYLLABUS For Assignments please Click
February (10 Days)	Preparatory Leaves for Board Examination	

Project :

Class XII

- 1) China- The emerging power
- 2) India - The emerging power
- 3) One party dominance
- 4) Changing role of the UN
- 5) TERRORISM a new security threat
- 6) Role of regional organisations - European Union
- 7) Role of regional organisations - ASEAN
- 8) Role of regional organisations - BRICS
- 9) The International Organisation- The UN
- 10) Challenges of nation building- India after partition
- 11) Globalisation
- 12) NAM- 1961 to present times.
- 13) Division of Germany with special focus on the construction and dismantling of the Berlin Wall.
- 14) CIS-Central Asian Republics
- 15) Disintegration of USSR with special focus on Gorbachev
- 16) ANY OTHER TOPIC RELATED TO SYLLABUS



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Class – XII

PSYCHOLOGY (037)

Syllabus: 2026-27

MONTH & NO. OF DAYS	BOOK NCERT	SUGGESTED ACTIVITIES
<p>April (20 Days)</p>	<p>CH 1: VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES Assessment of psychological attributes, Theories of intelligence, Psychometric Structural Approach, Information processing approach, Intelligence: Interplay of nature and nurture, Assessment of intelligence, Variation of intelligence: Intellectual deficiency, Intellectual giftedness, types of intelligence test, Culture and intelligence, Emotional intelligence, special abilities, Creativity, Creativity and Intelligence</p> <p>CH 2: SELF AND PERSONALITIES Self, Kind of self, Cognitive and behavioural aspect of self: Self concept, self esteem, self efficacy, self regulation, Culture of self, Concept of personality, Major Approaches to the study of personality: Type approach, Trait approach-Allport trait theory, Cattel personality factors, Eysenck theory, Psychodynamic approach by Sigmund Freud.</p>	<p>PRACTICAL: MPI CLASS PRESENTATION BY STUDENTS</p>
<p>May (22 Days)</p>	<p>CH 2: SELF AND PERSONALITIES Post Freudian approach: Carl Jung (Aims and Aspiration), Karen Horney, Alfred Adler, Erich Fromm, Erik Erikson, Criticism to psychodynamic theories. Behavioral approach, Cultural approach, Humanistic approach, Assessment of Personality: Self report measures, Projective technique, Behavioural analysis</p>	<p>GROUP DISCUSSION PRACTICAL: SCQ</p>

<p>July (23 Days)</p>	<p style="text-align: center;">PERIODIC TEST – I 07 /07/26 (Psychology Exam)</p>	<p style="text-align: center;">Syllabus: CH 1: VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES CH 2: SELF AND PERSONALITIES</p> <p style="text-align: center;">For Assignments please Click</p>
	<p>CH 3: MEETING THE LIFE CHALLENGS Nature of stress, Lazzarus and his colleagues, Appraisals, Sign and symptoms of stress, Type of stress, Source of stress, Effect of stress on psychological functioning, Stress and health, General Adaption syndrome, Stress and immune system, Coping with stress, Stress management technique, Promoting positive health and well being, Life skills, Factors that facilitate the development of positive health</p> <p>CH 4: PSYCHOLOGICAL DISORDERS Concept of abnormality and psychological disorders, Historical background, Classification of psychological disorders, Factors underlying abnormal behaviour: Biological model, Psychological model, Socio cultural model, Diathesis stress model, Major psychological disorder: Anxiety disorder, OCD, PTSD, Somatic symptoms and related disorder, Dissociative disorder, Depressive Disorder, Bipolar and related disorder, Suicide.</p>	<p style="text-align: center;">PRACTICAL: SCAT PROJECT: CASE STUDY</p> <p style="text-align: center;">CLASS PRESENTATION BY STUDENTS</p> <p style="text-align: center;">GROUP DISCUSSION</p>
<p>August (19 Days)</p>	<p>CH 4: PSYCHOLOGICAL DISORDERS , Schizophrenic spectrum and other psychotic disorders, Neurodevelopmental disorder: ADHD, Autism spectrum disorder, Intellectual disability, SLD, Disruptive, Impulsive-control and conduct disorder, Eating disorder, Substance related and addictive disorders</p> <p>CH 5: THERAPUTIC APPROACHES Nature and process of psychotherapy, Types of therapies, Classification of psychotherapies, Behavior therapy, Cognitive therapy, Existential therapy, logotherapy, client centered therapy, Gestalt therapy, Factors contributing to healing in psychotherapy, Ethics in psychotherapy ,Alternative therapies, Yoga, Vipassana meditation, Rehabilitation of the mentally ill.</p>	<p style="text-align: center;">PRACTICAL: AISS</p> <p style="text-align: center;">CLASS PRESENTATION BY STUDENTS</p>
<p>September (17 Days)</p>	<p style="text-align: center;">MIDTERM EXAMINATION 21/09/26 (Psychology Exam)</p>	<p style="text-align: center;">Syllabus: CH 1: VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES CH 2: SELF AND PERSONALITIES CH 3: MEETING THE LIFE CHALLENGS</p>

		CH 4: PSYCHOLOGICAL DISORDERS CH 5: THERAPUTIC APPROACHES For Assignments please Click
September (Post exam 06 Days)	CH 6: ATTITUDE AND SOCIAL COGNITION Nature and component of attitude, Process of attitude formation, Factors that influence attitude formation, Attitude change	
October (18 Days)	CH 6: ATTITUDE AND SOCIAL COGNITION Relation between attitude and behaviour, Prejudice and discrimination, Strategies for handling prejudice. CH 7: SOCIAL INFLUENCE AND GROUP PROCESSES What is group, features of groups, Why do we join group, Formation of groups, Stages of group formation, Group structure, Types of groups, Influence of group on individual behaviour, Group polarization,	PRACTICAL: SAS CLASS PRESENTATION BY STUDENTS
November (17 Days) - December (21 Days)	REVISION PREBOARD EXAMINATION I 04/12/26 (Psychology Exam)	ENTIRE SYLLABUS For Assignments please Click
January (22 Days)	PREBOARD EXAMINATION II 13/01/27 (Psychology Exam) CBSE PRACTICALS	ENTIRE SYLLABUS For Assignments please Click
February (10 Days)	Preparatory Leave for Board Examinations	



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Class – XII

PHYSICAL EDUCATION (048)

Syllabus: 2026-27

MONTH & NO. OF DAYS	BOOK- SP PUBLICATION PHYSICAL EDUCATION TEXT BOOK	SUGGESTED ACTIVITIES
April (20 Days)	<p>UNIT-1 MANAGEMENT OF SPORTING EVENTS</p> <ol style="list-style-type: none">1. Functions of Sports Events Management (Planning, Organising, Staffing, Directing & Controlling)2. Various Committees & their Responsibilities (pre; during & post)3. Fixtures and their Procedures – Knock- Out (Bye & Seeding) & League (Staircase, Cyclic, Tabular method) and Combination tournaments4. Intramural & Extramural tournaments – Meaning, Objectives & Its Significance5. Community sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause & Run for Unity) <p>UNIT-2 CHILDREN & WOMEN IN SPORTS</p> <ol style="list-style-type: none">1. Exercise guidelines of WHO for different age groups.2. Common postural deformities- knock knees, flat foot, round shoulders, Lordosis, Kyphosis, Scoliosis, and bow legs and their respective corrective measures.3. Women’s participation in Sports- Physical, Psychological and social benefits.4. Special consideration (menarche and menstrual dysfunction)5. Female athlete triad (osteoporosis, amenorrhea, eating disorders)	<p>CLASS POWERPOINT PRESENTATION BY STUDENTS</p>

<p>May (22 Days)</p>	<p>UNIT-3 YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE</p> <ol style="list-style-type: none"> Obesity: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Pavanmuktasana, Matsayasana, Halasana, Pachimottansana, Ardha – Matsyendrasana, Dhanurasana, Ushtrasana, Suryabedhan pranayama Diabetes: Procedure, Benefits & Contraindications for Katichakrasana, Pavanmuktasana, Bhujangasana, Shalabhasana, Dhanurasana, Supta-vajarasana, Paschimottanasana, Ardha- Mastendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati Asthma: Procedure, Benefits & Contraindications for Tadasana, Urdhwahastottansana, UttanManduk asana, Bhujangasana, Dhanurasana, Ushtrasana, Vakrasana, Kapalabhati, Gomukhasana Matsyaasana, Anuloma- Viloma. <p style="text-align: center;">REVISION</p>	<p>PRACTICAL PRACTICE: SAI FITNESS TEST</p> <p>CLASS POWERPOINT PRESENTATION BY STUDENTS</p>
<p>JULY (23 Days)</p>	<p style="text-align: center;">PERIODIC TEST – I 06 /07/26 (Physical Education Exam)</p>	<p style="text-align: center;">Syllabus: UNIT-1 MANAGEMENT OF SPORTING EVENTS, UNIT-2 CHILDREN & WOMEN IN SPORTS</p> <p style="text-align: center;">For Assignments please Click</p>
	<p>UNIT-3 YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE (CONT...)</p> <ol style="list-style-type: none"> Hypertension: Procedure, Benefits & Contraindications for Tadasana, Katichakransan, Uttanpadasana, Ardha Halasana, Sarala Matyasana, Gomukhasana, UttanManduka san-a, Vakrasana, Bhujangasana, Makarasana, Shavasana, Nadi- shodhanapran ayam, Sitlipranayam Back Pain & Arthritis : Procedure, Benefits & Contraindications of Tadasan, Urdhawahastootansana, Ardh- Chakrasana, Ushtrasana, Vakrasana, Sarala Maysyendrsana, Bhujangasana, Gomukhasana, Bhadrasana, Makarasana, Nadi- Shodhana pranayama. 	<p>PRACTICAL PRACTICE: SAI FITNESS TEST</p>

	<p>UNIT-4 Physical Education and Sports for CWSN</p> <ol style="list-style-type: none"> 1. Organization s promoting Disability Sports (Special Olympics; Paralympics; Deaflympics) 2. Concept of Classification and Divisioning in Sports. 3. Concept of Inclusion in sports, its need, and Implementation; 4. Advantages of Physical Activities for children with special needs. 5. Strategies to make Physical Activities assessable for children with special needs. <p>UNIT-5 Sports & Nutrition</p> <ol style="list-style-type: none"> 1. Concept of balanced diet and nutrition 2. Macro and Micro Nutrients: Food sources & functions 3. Nutritive & Non- Nutritive Componen ts of Diet 4. Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths 5. Importance of Diet in Sports- Pre, During and Post competition Requirements 	<p>CLASS POWERPOINT PRESENTATION BY STUDENTS</p> <p>GROUP DISCUSSION</p>
<p>August (19 Days)</p>	<p>UNIT-6 Test & Measurement in Sports</p> <ol style="list-style-type: none"> 1. Fitness Test – SAI Khelo India Fitness Test in school: Age group 5-8 years/ class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test Age group 9-18yrs/ class 4-12: BMI, 50mt Speed test, 600mt Run/Walk, Sit & Reach flexibility test, Strength Test (Partial Abdominal Curl Up, Push-Ups for boys, Modified Push-Ups for girls). 2. Measurement of Cardio- Vascular Fitness – Harvard Step Test – Duration of the Exercise in Seconds x100/5.5 X Pulse count of 1-1.5 Min after Exercise 3. Computing Basal Metabolic Rate (BMR) 4. Rikli & Jones- Senior Citizen Fitness Test 5. Johnsen – Methney Test of Motor Educability (Front Roll, Roll, Jumping Half-Turn, Jumping full- turn. <p>UNIT-7 Physiology & Injuries in Sport</p> <ol style="list-style-type: none"> 1. Physiological factors determining components of physical fitness 2. Effect of exercise on the Muscular System 3. Effect of exercise on the Cardio- Respiratory System 4. Physiological changes due to aging 5. Sports injuries: Classification (Soft Tissue Injuries - Abrasion, Contusion, Laceration, Incision, Sprain & Strain Bone & Joint Injuries,Dislocation, Fractures - Green Stick, Comminuted, Transverse Oblique & Impacted) 	<p>CLASS POWERPOINT PRESENTATION BY STUDENTS</p> <p>PRACTICAL PRACTICE: SAI FITNESS TEST</p>

<p>September (17 Days)</p>	<p style="text-align: center;">MIDTERM EXAMINATION 18/09/26 (Physical Education Exam)</p>	<p style="text-align: center;">Syllabus: UNIT-1 MANAGEMENT OF SPORTING EVENTS, UNIT-2 CHILDREN & WOMEN IN SPORTS, UNIT-3 YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE UNIT-4 PHYSICAL EDUCATION AND SPORTS FOR CWSN UNIT-5 SPORTS & NUTRITION UNIT-6 TEST & MEASUREMENT IN SPORTS</p> <p style="text-align: center;">For Assignments please Click</p>
<p>September (Post exam 06 Days)</p>	<p>UNIT-8 Biomechanics and Sports</p> <ol style="list-style-type: none"> 1. Newton’s Law of Motion & its application in sports 2. Types of Levers and their application in Sports. 3. Equilibrium – Dynamic & Static and Centre of Gravity and its application in sports 4. Friction & Sports 5. Projectile in Sports 	<p style="text-align: center;">CLASS POWERPOINT PRESENTATION BY STUDENTS</p>
<p>October (18 Days)</p>	<p>UNIT-9 Psychology and Sports</p> <ol style="list-style-type: none"> 1. Personality; its definition & types (Jung Classification & Big Five Theory) 2. Motivation, its type & techniques. 3. Exercise Adherence: Reasons, Benefits & Strategies for Enhancing it 4. Meaning, Concept & Types of Aggression s in Sports 5. Psychological Attributes in Sports – Self- Esteem, Mental Imagery, Self- Talk, Goal Setting <p>UNIT-10 Training in Sports</p> <ol style="list-style-type: none"> 1. Concept of Talent Identification and Talent Development in Sports 2. Introduction to Sports Training Cycle – Micro, Meso, Macro Cycle. 3. Types & Methods to Develop – Strength, Endurance, and Speed. 4. Types & Methods to Develop – Flexibility and Coordinative Ability. 5. Circuit Training - Introduction & its importance 	<p style="text-align: center;">CLASS POWERPOINT PRESENTATION BY STUDENTS</p> <p style="text-align: center;">PRACTICAL PRACTICE: SAI FITNESS TEST</p>
<p>November (17 Days) - December</p>	<p style="text-align: center;">REVISION PREBOARD EXAMINATION I 07/12/26</p>	<p style="text-align: center;">ENTIRE SYLLABUS</p> <p style="text-align: center;">For Assignments please Click</p>

(21 Days)	(Physical Education Exam)	
January (22 Days)	PREBOARD EXAMINATION II 11/01/27 (Physical Education Exam) CBSE PRACTICALS	ENTIRE SYLLABUS For Assignments please Click
February (10 Days)	Preparatory Leave for Board Examinations	



Brain International School

Recognised Senior Secondary School, Affiliated to CBSE
Vikas Puri, New Delhi

वार्षिक पाठ्यक्रम
सत्र : 2026-27

कक्षा - बारह

विषय - हिंदी (ऐच्छिक) (कोड-002)

मास व दिन	अंतरा (भाग-2)	अंतराल (भाग-2)	अभिव्यक्ति और माध्यम तथा रचनात्मक लेखन
अप्रैल (20 दिन)	गद्य खंड पाठ - 1 रामचंद्र शुक्ल <ul style="list-style-type: none">प्रेमघन की छाया-स्मृति काव्य खंड पाठ-1 जयशंकर प्रसाद <ul style="list-style-type: none">देवसेना का गीतकार्नेलिया का गीत	पाठ-1 सूरदास की झोंपड़ी (प्रेमचंद)	<ul style="list-style-type: none">अपठित गद्यांश (लगभग 250 शब्द) पर आधारित बोध, चिंतन, विश्लेषण पर बहुविकल्पीय, अतिलघूत्तरात्मक, लघूत्तरात्मक प्रश्नों का अभ्यासअपठित काव्यांश (लगभग 100 शब्द) पर आधारित बोध, सराहना, सौंदर्य, चिंतन, विश्लेषण पर बहुविकल्पीय, अतिलघूत्तरात्मक, लघूत्तरात्मक प्रश्नों का अभ्यासनए और अप्रत्याशित विषयों पर लगभग 100 शब्दों में रचनात्मक लेखन का अभ्यासपठित गद्यांश व पठित काव्यांश की सप्रसंग व्याख्या का अभ्यास

<p>मई (22 दिन)</p>	<p>काव्य खंड पाठ-3 सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय'</p> <ul style="list-style-type: none"> • यह दीप अकेला • मैंने देखा एक बूँद <p>गद्य खंड पाठ - 2 पंडित चंद्रधर शर्मा गुलेरी</p> <ul style="list-style-type: none"> • सुमिरिनी के मनके 		<p>सृजनात्मक लेखन ❖ कैसे लिखें कहानी</p> <p>For Assignments please Click</p>
<p>जुलाई (23 दिन)</p>	<p>आवर्ती परीक्षा 1 07/07/26 (हिंदी परीक्षा)</p>		<p>पाठ्यक्रम पाठ - 1 प्रेमघन की छाया-स्मृति पाठ - 1 देवसेना का गीत, कार्नेलिया का गीत पाठ-1 सूरदास की झोंपड़ी कैसे लिखें कहानी अपठित गद्यांश, अपठित काव्यांश रचनात्मक लेखन</p>
	<p>गद्य खंड पाठ - 4 फणीश्वर नाथ 'रेणु'</p> <ul style="list-style-type: none"> • संवदिया <p>काव्य खंड पाठ-2 सूर्यकांत त्रिपाठी 'निराला'</p> <ul style="list-style-type: none"> • सरोज स्मृति <p>पाठ-4 केदारनाथ सिंह</p> <ul style="list-style-type: none"> • बनारस • दिशा <p>पाठ-6 रघुवीर सहाय</p> <ul style="list-style-type: none"> • वसंत आया • तोड़ो 		<p>➤ पठित गद्यांश व पठित काव्यांश पर आधारित बहुविकल्पात्मक प्रश्नों का अभ्यास</p> <p>जनसंचार माध्यम और लेखन</p> <ul style="list-style-type: none"> ❖ विभिन्न माध्यमों के लिए लेखन ❖ पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया ❖ नए और अप्रत्याशित विषयों पर लेखन <p>आंतरिक मूल्यांकन</p> <ul style="list-style-type: none"> ➤ श्रवण तथा वाचन (5+5) ➤ परियोजना कार्य (10 अंक) <p>(विषय वस्तु-5अंक, भाषा एवं प्रस्तुति-3 अंक, शोध एवं मौलिकता-2 अंक)</p> <p>For Assignments please Click</p>

<p>अगस्त (19 दिन)</p>	<p>गद्य खंड पाठ - 5 भीष्म साहनी <ul style="list-style-type: none"> गांधी, नेहरू और यास्सेर अराफ़ात पाठ - 6 असगर बजाहत <ul style="list-style-type: none"> लघु कथाएँ (शेर, पहचान, चार हाथ, साझा) काव्य खंड पाठ-7 तुलसीदास <ul style="list-style-type: none"> भरत-राम का प्रेम, पद पाठ-8 मलिक मुहम्मद जायसी <ul style="list-style-type: none"> वारहमासा </p>	<p>पाठ-3 विस्कोहर की माटी (विश्वनाथ त्रिपाठी)</p>	<p>जनसंचार माध्यम और लेखन <ul style="list-style-type: none"> विशेष लेखन-स्वरूप और प्रकार कैसे बनती है कविता नाटक लिखने का व्याकरण </p>
<p>सितंबर (17 दिन)</p>	<p>अर्धवार्षिक परीक्षा 21/09/26 (हिंदी परीक्षा)</p>	<p>पाठ्यक्रम पाठ - 1,2,4,5,6 पाठ - 1,2,3,4,6,7,8 पाठ - 1,3</p>	<p>अपठित गद्यांश, अपठित काव्यांश, विभिन्न माध्यमों के लिए लेखन, पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया, विशेष लेखन-स्वरूप और प्रकार, कैसे बनती है कविता, नाटक लिखने का व्याकरण, रचनात्मक लेखन <p style="text-align: center;">For Assignments please Click</p> </p>
<p>सितंबर (परीक्षा के उपरांत 06 दिन)</p>			<p>सृजनात्मक लेखन <ul style="list-style-type: none"> कैसे लिखें कहानी </p>
<p>अक्तूबर (18 दिन)</p>	<p>गद्य खंड पाठ - 7 निर्मल वर्मा <ul style="list-style-type: none"> जहाँ कोई वापसी नहीं पाठ - 9 ममता कालिया <ul style="list-style-type: none"> दूसरा देवदास पाठ - 10 हजारी प्रसाद 'द्विवेदी' <ul style="list-style-type: none"> कुटज </p>	<p>पाठ-4 अपना मालवा : ख़ाऊ-उजाड़ सभ्यता में (प्रभाष जोशी)</p>	<p>सृजनात्मक लेखन <ul style="list-style-type: none"> कैसे करें कहानी का नाट्य रूपांतरण कैसे बनता है रेडियो नाटक नए और अप्रत्याशित विषयों पर लेखन </p>

	<p>काव्य खंड</p> <p>पाठ-9 विद्यापति</p> <ul style="list-style-type: none"> ● पद <p>पाठ-11 घनानंद</p> <ul style="list-style-type: none"> ● कवित्त 		<p>आंतरिक मूल्यांकन</p> <ul style="list-style-type: none"> ➤ श्रवण तथा वाचन (5+5) ➤ परियोजना कार्य (10 अंक) <p>(विषय वस्तु-5अंक, भाषा एवं प्रस्तुति-3 अंक, शोध एवं मौलिकता-2 अंक)</p>
<p>नवंबर (17 दिन) - दिसंबर (21 दिन)</p>	<p>पुनरावृत्ति</p> <p>प्री बोर्ड परीक्षा- 1</p> <p>04/12/26</p>		<p>संपूर्ण पाठ्यक्रम</p> <p>For Assignments please Click</p>
<p>जनवरी (22 दिन)</p>	<p>प्री बोर्ड परीक्षा- 2</p> <p>13/01/27</p> <p>सी बी एस सी प्रैक्टिकल</p>		<p>संपूर्ण पाठ्यक्रम</p> <p>For Assignments please Click</p>
<p>फरवरी (10 दिन)</p>	<p>बोर्ड परीक्षा के अध्ययन के लिए अवकाश</p>		



Brain International School

Recognised Senior Secondary School, Affiliated to CBSE

Vikas Puri, New Delhi

Class – XII

Painting (049)

Syllabus: 2026-27

MONTH & NO. OF DAYS	BOOK FULLMARKS PUBLICATION	SUGGESTED ACTIVITIES															
<p>April (20 Days)</p>	<p>UNIT 1: 1 The Origin and Development of Miniature Painting in India 2 The Rajasthani School of Miniature Painting 3 Pahari School of Miniature Painting 4 The Mughal School of Miniature Painting 5 Deccan Schools of Miniature Painting</p> <p>Miniature Paintings (16th Century A.D. to 19th Century A.D.)</p> <p>A brief introduction to Indian Miniature Schools: Western- Indian, Pala, Rajasthani and Pahari, Mughal and Deccan, Central India. Appreciation of art works from your syllabus from the following schools (a). The Rajasthani School (b). The Pahari School (c). The Mughal School (d). The Deccan School based on their:</p> <p>1. Origin and Development 2. Sub-Schools 3. Main features 4. Characteristics 5. Aesthetic parameters 6. Competency based identification of style & technique 7. Understanding of emotions and moral values 8. Respect for life.</p> <p>2: The Rajasthani School:</p> <table border="0"> <thead> <tr> <th>Title</th> <th>Painter</th> <th>Sub- School</th> </tr> </thead> <tbody> <tr> <td>a) Maru-Ragini</td> <td>Sahibdin</td> <td>Mewar</td> </tr> <tr> <td>b) Chaugan Players</td> <td>Dana</td> <td>Jodhpur</td> </tr> <tr> <td>C) Krishna on swing</td> <td>Nuruddin</td> <td>Bikaner</td> </tr> <tr> <td>d) Radha (Bani- Thani)</td> <td>Nihal Chand</td> <td>Kishangarh</td> </tr> </tbody> </table>	Title	Painter	Sub- School	a) Maru-Ragini	Sahibdin	Mewar	b) Chaugan Players	Dana	Jodhpur	C) Krishna on swing	Nuruddin	Bikaner	d) Radha (Bani- Thani)	Nihal Chand	Kishangarh	<p>PRACTICAL:</p> <p>STILL LIFE DRAWING</p>
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	<p>e) Bharat Meets Rama at Chitrakuta Guman Jaipur</p> <p>3: The Pahari School:</p> <table border="0"> <thead> <tr> <th>Title</th> <th>Painter</th> <th>SubSchool</th> </tr> </thead> <tbody> <tr> <td>a) Krishna with Gopis</td> <td>Manku</td> <td>Basohli</td> </tr> <tr> <td>b) Nand, Yashoda and Krishna with Kinsmen Going to Vrindavana</td> <td>Nainsukh</td> <td>Kangra</td> </tr> </tbody> </table> <p>4: THE MUGHAL SCHOOL:</p> <table border="0"> <thead> <tr> <th>Title</th> <th>Painter</th> </tr> </thead> <tbody> <tr> <td>a) Krishna Lifting Mount Govardhan</td> <td>Miskin</td> </tr> <tr> <td>b) Falcon on a Bird-Rest</td> <td>Ustad Mansoor</td> </tr> <tr> <td>c) Kabir and Raidas Khan</td> <td>Ustad Faquirullah</td> </tr> <tr> <td>d) Marriage Procession of Dara Shukoh Haji Madni</td> <td></td> </tr> </tbody> </table>	Title	Painter	SubSchool	a) Krishna with Gopis	Manku	Basohli	b) Nand, Yashoda and Krishna with Kinsmen Going to Vrindavana	Nainsukh	Kangra	Title	Painter	a) Krishna Lifting Mount Govardhan	Miskin	b) Falcon on a Bird-Rest	Ustad Mansoor	c) Kabir and Raidas Khan	Ustad Faquirullah	d) Marriage Procession of Dara Shukoh Haji Madni		
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<p>May (22 Days)</p>	<p>5: THE DECCAN SCHOOL:</p> <table border="0"> <thead> <tr> <th>Title</th> <th>Painter</th> <th>Sub-School</th> </tr> </thead> <tbody> <tr> <td>a) Hazrat Nizamuddin Auliya and Amir Khusro</td> <td>Unknown</td> <td>Hyderabad</td> </tr> <tr> <td>b) Chand Bibi Playing Polo (Chaugan)</td> <td>Unknown</td> <td>Gol Konda</td> </tr> </tbody> </table> <p>UNIT 2:</p> <p>6: THE BENGAL SCHOOL OF PAINTING AND THE MODERN TRENDS IN INDIAN ART</p> <p>About the beginning to mid of the 20th Century, contribution of Indian artists towards freedom movement, Revival of Indian Art, Indian National Flag Appreciation of art works from your syllabus based on their: 1. Origin and Development 2. Main features 3. Characteristics 4. Aesthetic parameters 5. Symbolic representation in artworks. 6. Competency based identification of style & technique 7. Understanding of emotions and moral values 8. Respect for life.</p>	Title	Painter	Sub-School	a) Hazrat Nizamuddin Auliya and Amir Khusro	Unknown	Hyderabad	b) Chand Bibi Playing Polo (Chaugan)	Unknown	Gol Konda	<p>GROUP DISCUSSION</p> <p>PRACTICAL: STILL LIFE DRAWING</p>										
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b) Chand Bibi Playing Polo (Chaugan)	Unknown	Gol Konda																			

July
(23 Days)

PERIODIC TEST – I

02 /07/26

(Painting Exam)

Syllabus:

UNIT 1: 1 THE ORIGIN AND DEVELOPMENT OF MINIATURE PAINTING IN INDIA 2 THE RAJASTHANI 3 PAHARI SCHOOL 4 THE MUGHAL SCHOOL 5 DECCAN SCHOOL

For Assignments please [Click](#)

7: CONTRIBUTIONS OF INDIAN ARTISTS IN THE STRUGGLE FOR NATIONAL FREEDOM MOVEMENT

Paintings:

- a) Journey's End
- b) Shiva and Sati
- c) Radhika
- d) Meghdoot

Artist

Abanindranath Tagore
Nandalal Bose
M.A.R. Chughtai
Ram Gopal Vijayvargiya

**PRACTICAL:
STILL LIFE DRAWING**

8: EVOLUTION OF INDIAN NATIONAL FLAG : The Symbolic significance of its forms and the colours. Contribution of Indian artists in the struggle for National Freedom Movement. The Bengal School of Painting The Modern Trends in Indian Art Appreciation of the following contemporary (Modern) Indian Art

9: THE MODERN TRENDS IN INDIAN ART

Characteristics Materials and Methods, Major Artists and Groups, Recent Trends , Human Values

10: STUDY OF THE PAINTINGS OF THE CONTEMPORARY (MODERN INDIAN ARTISTS)

Paintings:

- a) Rama Vanquishing the Pride of the Ocean
- b) Mother and child
- c) Haldi Grinder
- d) Mother Teresa

Artist

Raja Ravi Varma
Jamini Roy
Amrita Sher Gill
M.F. Hussain

11: GRAPHIC PRINTS OF THE CONTEMPORARY (MODERN INDIAN ARTISTS)

	<p>Graphic prints:</p> <p>a) Children b) Devi c) Of Walls d) Man, Woman and Tree</p>	<p>Artist</p> <p>Somnath Hore Jyoti Bhatt Anupam Sud K. Laxma Goud</p>	
<p>August (19 Days)</p>	<p>12: CONTEMPORARY (MODERN) SCULPTURES OF INDIAN ARTIST</p> <p>Sculptures:</p> <p>a) Triumph of Labour RChowdhury b) Santhal Family Ramkinkar Bajj c) Cries Un - heard Amarnath Sehgal d) Ganesha P.V.Janakiram.</p>	<p>Artist</p> <p>Devi Prasad</p>	<p>PRACTICAL: STILL LIFE DRAWING</p>
<p>September (17 Days)</p>	<p>MIDTERM EXAMINATION 14/09/26 (Painting Exam)</p>		<p>Syllabus:</p> <p>UNIT 1: THE ORIGIN AND DEVELOPMENT OF MINIATURE PAINTING IN INDIA, THE RAJASTHANI ,PAHARI SCHOOL ,THE MUGHAL SCHOOL AND DECCAN SCHOOL</p> <p>UNIT 2: INDIAN NATIONAL FLAG, THE BENGAL SCHOOL OF PAINTING, THE MODERN TRENDS IN INDIAN ART PAINTINGS, GRAPHIC PRINTS, SCULPTURES</p> <p>For Assignments please Click</p>
<p>September (Post exam) (06 Days)</p>	<p>Revision of CBSE sample paper</p>		

October (18 Days)	Revision CBSE sample paper Practical work Still Life ,Compositions, Folk Painting	PRACTICAL: STILL LIFE DRAWING
November (17 Days) - December (21 Days)	REVISION PREBOARD EXAMINATION I 27/11/26 (Painting Exam)	ENTIRE SYLLABUS For Assignments please Click
January (22 Days)	PREBOARD EXAMINATION II 2/01/27 (Painting Exam) CBSE PRACTICALS	ENTIRE SYLLABUS For Assignments please Click
February (10 Days)	Preparatory Leave for Board Examinations	



Brain International School

Recognised Senior Secondary School, Affiliated to CBSE
Vikas Puri, New Delhi

Class – XII

Subject – YOGA (841)

Syllabus: 2026-27

MONTH & NO. OF DAYS	BOOK NCERT	SUGGESTED ACTIVITIES
<p>April (20 Days)</p>	<p>UNIT 1 – INTRODUCTION TO YOGA AND YOGIC PRACTICES – II</p> <ul style="list-style-type: none"> • Shatkarma meaning, purpose and their significance in yoga sadhana • Yogasana - meaning, principal and their health benefit. • Introduction to Pranayama and Dhyana and their health benefits. • Identify career opportunities in Yoga <p>Unit 1: Communication Skills- IV</p>	<p style="text-align: center;">PRACTICAL</p> <ul style="list-style-type: none"> • Repetition of Asana of class XI • Practice of Tadasana • Practice of ArdhaChakrasana
<p>May (22 Days)</p>	<p>Unit 1: Communication Skills- IV REVISION</p>	<ul style="list-style-type: none"> • Practice of Katichakrasana • Practice of Dandasana • Practice of Bhadrasana
<p>July (23 Days)</p>	<p style="text-align: center;">PERIODIC TEST – I 06/07/26 (YOGA Exam)</p>	<p style="text-align: center;">SYLLABUS: <u>Part-A</u> Unit 1: Communication Skills- IV <u>Part-B</u> UNIT 1 – INTRODUCTION TO YOGA AND YOGIC PRACTICES – II</p>

		For Assignments please Click
August (19 Days)	Unit 2: Self-Management Skills-IV UNIT 2 – INTRODUCTION TO YOGA TEXTS - II Unit 3: Information and Communication Technology Skills-IV	PRACTICAL <ul style="list-style-type: none"> • Practice of Padmasana • Practice of Vajrasana • Practice of Utanmandukasana • Practice of kakasana • Practice of Parvatasana • Practice of Makrasana • Practice of Uttanpadasana • Practice of Setubandhasana • Practice of Vipritkarniasana • Practice of Saral matsyasana • Practice of Shavasana • Repetition of Pranayam of class XI
September (17 Days)	MIDTERM EXAMINATION 18/09/26 (YOGA Exam)	SYLLABUS:: <u>Part-A</u> Unit 2: Self-Management Skills-IV Unit 3: Information and Communication Technology Skills-IV <u>Part-B</u> UNIT 2 – INTRODUCTION TO YOGA TEXTS - II For Assignments please Click
September (Post exam) (06 Days)	UNIT 3 – YOGA FOR HEALTH PROMOTION - II <ul style="list-style-type: none"> • Introduction to first aid and CPR • Yogic management of stress and its consequences • Yogic prevention of common diseases • Yoga and personality development 	PRACTICAL <ul style="list-style-type: none"> • Practice of Jalandhar and Uddayan Bandh • Repetition of Mudras of class XI • Practice of breath Meditation and OM Dhyana
October (18 Days)	Unit 4: Entrepreneurial Skills-IV Unit 5: Green Skills-IV	PRACTICAL CLASS PRESENTATION BY STUDENTS
November (17 Days) - December	REVISION PREBOARD EXAMINATION I 07/12/26	ENTIRE SYLLABUS For Assignments please Click

(21 Days)	(Yoga Exam)	
January (22 Days)	PREBOARD EXAMINATION II 11/01/27 (Yoga Exam) CBSE PRACTICALS	ENTIRE SYLLABUS For Assignments please Click
February (10 Days)	Preparatory Leave for Board Examinations	