



RAMAGYA SCHOOL, NOIDA
TERM WISE ANNUAL CURRICULUM, 2021-22

CLASS XII
SUBJECT: ENGLISH

Prescribed Books:

1. Flamingo - NCERT
2. Vistas - NCERT

MONTH	TOPICS	CHAPTER / SUB TOPICS
TERM I		
APRIL	Writing Skills	1. Notice Writing 2. Report Writing – Magazine & Newspaper 3. Letter to Editor 4. Article Writing
	Flamingo- Prose	Ch- The Last Lesson

	Flamingo – Poem	My Mother at Sixty Six
MAY	Vistas - Prose	Ch – The Third Level
	Writing Skills	Job Application
	Reading Skills	Reading Comprehension
JUNE	Vistas - Prose	Ch – The Enemy
	Flamingo - Prose	Ch – Lost Spring
JULY	Flamingo - Poetry	An Elementary School Classroom in a Slum
	Flamingo – Poetry	Keeping Quiet
AUGUST		
	Flamingo - Prose	Deep water
	Writing Skills	Classified Advertisements
SEPTEMBER	Flamingo - Prose	Ch – The Rattrap
	ASL	Assessment of Listening and Speaking skills
	Writing Skills	Article Writing

	Reading skills	Comprehension passages
OCTOBER	REVISION	
NOVEMBER	Revision & Term 1 Exam	
TERM II		
DECEMBER	Flamingo - Poetry	A Thing of Beauty
	Flamingo - Poetry	Aunt Jennifer's Tigers
	Writing Skills	Formal & Informal Invitations & Replies
JANUARY	Vistas - Prose	Ch - Should Wizard hit Mommy.
	Flamingo - Prose	Ch – Indigo
FEBRUARY 18 DAYS	Vistas - Prose	Ch - On the Face of It
	Vistas – Prose	Ch – Evans Tries an O Level
MARCH	REVISION & TERM II EXAMS	

PHYSICS

Prescribed Books:

1. NCERT TEXTBOOK
2. LAB MANUAL

MONTH	TOPICS	CHAPTER / SUB TOPICS
TERM I		
APRIL	<p>Electric Charges; Conservation of charge, Coulomb's law-force between two</p> <p>point charges, forces between multiple charges; superposition principle and</p> <p>continuous charge distribution.</p> <p>Electric field, electric field due to a point charge, electric field lines, electric</p> <p>dipole, electric field due to a dipole, torque on a dipole in uniform electric field.</p>	Chapter–1: Electric Charges and Fields
MAY	<p>Electric flux, statement of Gauss's theorem and its applications to find field</p> <p>due to infinitely long straight wire, uniformly charged infinite plane sheet and</p> <p>uniformly charged thin spherical shell (field inside and outside).</p> <p>Electric potential, potential difference,</p>	Chapter–1: Electric Charges and Fields

	<p>electric potential due to a point charge,</p> <p>a dipole and system of charges; equipotential surfaces, electrical potential</p> <p>energy of a system of two point charges and of electric dipole in an electrostatic field.</p>	<p>Chapter–2: Electrostatic Potential and Capacitance</p>
<p>JUNE</p>	<p>Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarisation, capacitors and capacitance,</p> <p>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.</p> <p>Electric current, flow of electric charges in a metallic conductor, drift velocity,</p>	<p>Chapter–2: Electrostatic Potential and Capacitance</p> <p>Chapter–3: Current Electricity</p>

	<p>mobility and their relation with electric current; Ohm's law, electrical resistance, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity, Carbon resistors, colour code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance.</p>	
<p>JULY</p>	<p>Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's laws and simple applications, Wheatstone bridge, metre bridge. Potentiometer - principle and its applications to measure potential difference</p>	<p>Chapter–3: Current Electricity</p>

	<p>and for comparing EMF of two cells; measurement of internal resistance of a cell.</p>	
<p>AUGUST</p>	<p>Concept of magnetic field, Oersted's experiment.</p> <p>Biot - Savart law and its application to current carrying circular loop.</p> <p>Ampere's law and its applications to infinitely long straight wire. Straight and toroidal solenoids (only qualitative treatment), force on a moving charge in uniform magnetic and electric fields, Cyclotron.</p> <p>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; moving coil</p>	<p>Chapter-4: Moving Charges and Magnetism</p>

	<p>galvanometer-its current sensitivity and conversion to ammeter and voltmeter.</p> <p>Current loop as a magnetic dipole and its magnetic dipole moment, magnetic dipole moment of a revolving electron, magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis, torque on a magnetic dipole (bar magnet) in a uniform magnetic field; bar magnet as an equivalent solenoid, magnetic field lines; earth's magnetic field and magnetic elements.</p> <p>Para-, dia- and ferro - magnetic substances, with examples.</p> <p>Electromagnets and factors affecting their strengths, permanent magnets.</p>	<p>Chapter–5: Magnetism and Matter</p>
<p>SEPTEMBER</p>	<p>Electromagnetic induction; Faraday's</p>	<p>Chapter–6: Electromagnetic Induction</p>

OCTOBER

Ray Optics: Reflection of light, spherical mirrors, mirror formula, refraction of light, total internal reflection and its applications, optical fibres, refraction at spherical surfaces, lenses, thin lens formula, lensmaker's formula, magnification, power of a lens, combination of thin lenses in contact, refraction of light through a prism.

Scattering of light - blue colour of sky and reddish appearance of the sun at sunrise and sunset.

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

Wave optics: Wave front and Huygen's principle, reflection and refraction of plane wave at a plane surface using

Chapter–9: Ray Optics and Optical Instruments

Chapter–10: Wave Optics

	<p>wave fronts. Proof of laws of reflection</p> <p>and refraction using Huygen's principle. Interference, Young's double slit</p> <p>experiment and expression for fringe width, coherent sources and sustained interference of light, diffraction due to a single slit, width of central maximum,</p> <p>resolving power of microscope and astronomical telescope, polarisation, plane polarised light, Brewster's law, uses of plane polarised light and Polaroids.</p>	
<p>NOVEMBER</p>	<p>Dual nature of radiation, Photoelectric effect, Hertz and Lenard's observations;</p> <p>Einstein's photoelectric equation- particle nature of light.</p> <p>Experimental study of photoelectric effect</p> <p>Matter waves-wave nature of particles, de-Broglie relation,</p>	<p>Chapter–11: Dual Nature of Radiation and Matter</p>

	<p>Davisson-Germer</p> <p>experiment (experimental details should be omitted; only conclusion should be explained).</p> <p>Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model,</p> <p>energy levels, hydrogen spectrum.</p> <p>Composition and size of nucleus, Radioactivity, alpha, beta and gamma</p> <p>particles/rays and their properties; radioactive decay law, half life and mean life.</p>	<p>Chapter–12: Atoms</p> <p>Chapter–13: Nuclei</p>
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<p>DECEMBER</p>	<p>Energy bands in conductors, semiconductors and insulators (qualitative ideas only)</p> <p>Semiconductor diode - I-V characteristics in forward and reverse bias, diode as a rectifier;</p> <p>Special purpose p-n junction diodes: LED, photodiode, solar cell and Zener diode and their characteristics, zener diode as a voltage regulator.</p>	<p>Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits</p>
<p>JANUARY</p>		
<p>FEBRUARY</p>	<p>Revision</p>	
<p>MARCH</p>	<p>Annual Examinations</p>	

MATHEMATICS

Prescribed Books:

1. NCERT PART I and II
2. NCERT EXEMPLAR

MONTH	CHAPTER NO. & NAME	TOPICS
TERM 1		
APRIL	Chapter-3 Matrices	<ul style="list-style-type: none">• Introduction of Matrix• Types of matrices• Operations on matrices• Transpose of matrix• Symmetric and skew symmetric matrices
MAY	Chapter-4 Determinants	<ul style="list-style-type: none">• Introduction• Determinant• Area of a triangle• Minors and Cofactors• Adjoint and Inverse of a matrix• Applications of determinants and matrices

JUNE	Chapter-2 Inverse Trigonometric Functions	<ul style="list-style-type: none"> • Introduction • Basic concepts
JULY	Chapter-5 Continuity & Differentiability	<ul style="list-style-type: none"> • Introduction • Exponential and Logarithmic Functions • Logarithmic Differentiation • Derivatives of functions in parametric forms • Continuity • Differentiability • Second order derivative
AUGUST	Chapter-6 Application of Derivative	<ul style="list-style-type: none"> • Introduction • Increasing and decreasing functions • Tangents and Normals • Maxima and Minima
	Chapter-12 Linear programming Problems	<ul style="list-style-type: none"> • Introduction • Linear programming problem • Different types of linear programming problems
SEPTEMBER	Chapter-1 Relations & Functions	<ul style="list-style-type: none"> • Introduction • Types of Relations • Types of functions
	Chapter-13 Probability	<ul style="list-style-type: none"> • Introduction • Conditional probability • Multiplication theorem on probability & Independent events

		<ul style="list-style-type: none"> • Bayes' theorem • Random variables and its prob.
OCTOBER	Revision and Pre board of Term-1 syllabus	
NOVEMBER	Board Term-2 Examination	
TERM 2		
	Chapter-7 Integration	<ul style="list-style-type: none"> • Introduction • Integration as an inverse process of differentiation • Methods of Integration • Integrals of some particular functions • Integration by partial fractions • Integration by parts • Definite Integral • Fundamental Theorem of calculus • Evaluation of definite integrals by substitution • Some properties of definite Integrals
DECEMBER	Chapter-8 Application of Integration	<ul style="list-style-type: none"> • Introduction • Area under simple curves
	Chapter-9 Differential Equation	<ul style="list-style-type: none"> • Introduction • Basic Concepts • General and particular solutions of a differential equation • Methods of solving first order, first degree differential equation

JANUARY	Chapter-10 Vectors	<ul style="list-style-type: none"> • Introduction • Some Basic Concepts • Types of vectors • Addition of vectors • Multiplication of a vector by a scalar product of two vectors
	Chapter-11 Three dimensional Geometry	<ul style="list-style-type: none"> • Introduction • Direction Cosines and Direction Ratios of a line • Equation of a line in Space • Shortest distance between two lines • Coplanarity of two lines • Distance of a point from a plane
FEBRUARY	Revision and Pre board of Term-1 syllabus	
MARCH	Board Term-2 Examination	

SUBJECT: CHEMISTRY

CLASS: XII

1. NCERT PART 1 AND 2
2. FULL MARKS PRACTICAL FILE

TERM I			
MONTH & NO. OF DAYS	NO. OF PERIODS	CHAPTER NO. & NAME	TOPICS
APRIL 19	19	Organic chemistry	Reaction mechanism- electrophilic and nucleophilic substitution
MAY 9	10	HALOALKANES AND HALOARENES	<ul style="list-style-type: none"> • Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, • mechanism of substitution reactions, • optical rotation. • Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in mono substituted compounds only).
JUNE 10	10	ALCOHOLS, PHENOLS AND ETHERS	<ul style="list-style-type: none"> • Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), • identification of primary, secondary and tertiary alcohols, • mechanism of

			<p>dehydration,</p> <ul style="list-style-type: none"> • uses with special reference to methanol and ethanol. • Phenols: Nomenclature, methods of preparation, physical and chemical properties, • acidic nature of phenol, • electrophillic substitution reactions, uses of phenols. • Ethers: Nomenclature, methods of preparation, physical and chemical properties, • uses.
JULY 21	10	BIOMOLECULES	<ul style="list-style-type: none"> • Carbohydrates - Classification (aldoses and ketoses), • monosaccharides (glucose and fructose), • Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only),

			<ul style="list-style-type: none"> denaturation of proteins
AUGUST 21	12	Solid state	<ul style="list-style-type: none"> types of solids unit cell packing efficiency density of unit cell defects
	10	Solutions	<ul style="list-style-type: none"> Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, colligative properties - relative lowering of vapour pressure, Raoult's law, elevation of boiling point, depression of freezing point, osmotic pressure, <p>determination of molecular masses using colligative properties</p>
SEPTEMBER 22	12	P BLOCK ELEMENTS	Group 16 Elements: General introduction, electronic

			<p>configuration, oxidation states, occurrence,</p> <p>trends in physical and chemical properties, dioxygen: Preparation, Properties and uses, classification of Oxides, Ozone, Sulphur -allotropic forms; compounds of Sulphur: Preparation Properties and uses of Sulphur-dioxide, industrial process of manufacture, properties and uses; Oxoacids of Sulphur (Structures only).</p> <ul style="list-style-type: none">• Group 17 Elements: General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; compounds of halogens, Preparation, properties and uses of Chlorine and Hydrochloric acid, interhalogen compounds, Oxoacids of halogens (structures only). <p>Group 18 Elements: General introduction, electronic configuration, occurrence, trends in physical and chemical properties, uses</p>
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TERM II			
OCTOBER 16	10	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	Aldehydes and Ketones: Nomenclature, nature of carbonyl group, <ul style="list-style-type: none"> • methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, • reactivity of alpha hydrogen in aldehydes: • Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties • Amines: Nomenclature, classification, structure, • methods of preparation, physical and chemical properties, uses, • identification of primary, secondary and tertiary amines.
	10	ORGANIC COMPOUNDS CONTAINING NITROGEN	Cyanides and Isocyanides
NOVEMBER 18			

	12	ELECTROCHEMISTRY	<ul style="list-style-type: none"> • Redox reactions, • conductance in electrolytic solutions, • specific and molar conductivity, • variations of conductivity with concentration, • Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), • dry cell-electrolytic cells and • Galvanic cells, • EMF of a cell, standard electrode potential,
	10	CHEMICAL KINETICS	<p>Nernst equation and its application to chemical cells</p> <ul style="list-style-type: none"> • Rate of a reaction (Average and instantaneous), • factors affecting rate of reaction: • concentration, temperature, catalyst; • order and molecularity of a reaction • rate law and specific rate constant • integrated rate equations and half life (only for zero and first order reactions)

DECEMBER 17	08	SURFACE CHEMISTRY	<ul style="list-style-type: none"> • Adsorption • Freundlich adsorption isotherm • Colloids- types Preparation and properties of colloids
	12	COORDINATION COMPOUNDS	<ul style="list-style-type: none"> • Coordination compounds - Introduction, ligands, coordination number, colour, magnetic properties and shapes, • IUPAC nomenclature of mononuclear coordination compounds. Werner's theory, VBT, and CFT
JANUARY 17	12	D AND F BLOCK ELEMENTS	<ul style="list-style-type: none"> • General introduction, electronic configuration, occurrence and characteristics of transition metals, general

			trends in properties of the first row transition metals - metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation
FEBRUARY 18			
MARCH			

BIOLOGY

Prescribed Books:

1. NCERT TEXT BOOK
2. PRACTICAL MANNUAL
3. PRADEEP & TRUMANS
4. PYQ ref- EXAM IDEA

MONTH	TOPICS	CHAPTER / SUB TOPICS
		TERM I
APRIL	<ul style="list-style-type: none">• Chapter-2- Sexual reproduction in flowering plants.	<ul style="list-style-type: none">• 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.
MAY	<ul style="list-style-type: none">• Ch-3 - Human reproduction	<ul style="list-style-type: none">• Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis - spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation,

JUNE	<ul style="list-style-type: none"> Ch-3 - Human reproduction 	<ul style="list-style-type: none"> Implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea)
JULY	<ul style="list-style-type: none"> Chapter-4: Reproductive Health 	<ul style="list-style-type: none"> Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary).
AUGUST	<ul style="list-style-type: none"> Chapter-5: Principles of Inheritance and Variation 	<ul style="list-style-type: none"> 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; 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.
SEPTEMBER	<ul style="list-style-type: none"> Chapter-6: Molecular Basis of Inheritance 	<ul style="list-style-type: none"> 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.
OCTOBER	<ul style="list-style-type: none"> Chapter-8: Human Health and Diseases. Chapter-10: Microbes in Human Welfare 	<ul style="list-style-type: none"> Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse. Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use.

NOVEMBER	Revision & Term 1 Exam
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TERM II		
DECEMBER	<ul style="list-style-type: none"> • Chapter-11: Biotechnology - Principles and Processes • Chapter-12: Biotechnology and its App 	<ul style="list-style-type: none"> • Genetic Engineering (Recombinant DNA Technology). • Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.
JANUARY	<ul style="list-style-type: none"> • Chapter-13: Organisms and Populations. <p>Chapter-15: Biodiversity and its Conservation</p>	<ul style="list-style-type: none"> • Organisms and environment: Habitat and niche, population and ecological adaptations; population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution. • 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.
FEBRUARY	<ul style="list-style-type: none"> • Worksheets • Assignments 	

	<ul style="list-style-type: none"> • Model – papers 	
MARCH	REVISION & TERM II EXAMS	

ECONOMICS

Prescribed Books:

1. Macro Economics: Sandeep Garg/T R Jain
2. Indian Economic Development: JP Goel/ T R Jain

MONTH	TOPICS	CHAPTER / SUB TOPICS
TERM I		
APRIL	<ul style="list-style-type: none"> • National Income and Related Aggregates 	<ul style="list-style-type: none"> • Basic concepts of macroeconomic
MAY	<ul style="list-style-type: none"> • National Income and Related Aggregates 	<ul style="list-style-type: none"> • Basic concepts of macroeconomics • Circular flow of income

JUNE	<ul style="list-style-type: none"> • National Income and Related Aggregates 	<ul style="list-style-type: none"> • Value added Method • Income Method • Expenditure Method
JULY	<ul style="list-style-type: none"> • National Income and Related Aggregates • Development experience (IED) 	<ul style="list-style-type: none"> • Measurement of National Income • Indian economy on the eve of independence • Five-year plans in India • Features, problems and policies of Agriculture
AUGUST	<ul style="list-style-type: none"> • Development experience (IED) • Current Challenges facing Indian Economy 	<ul style="list-style-type: none"> • Strategy of Industrial growth • India's foreign trade • Economic Reforms • Poverty • Human capital formation
SEPTEMBER	<ul style="list-style-type: none"> • Current Challenges facing Indian Economy • Money and Banking 	<ul style="list-style-type: none"> • Rural development • Meaning, supply of money • Money creation by commercial Banks • Central Bank: Meaning and Functions
OCTOBER	<ul style="list-style-type: none"> • Government Budget and the economy • Balance of payments 	<ul style="list-style-type: none"> • Government Budget • Forex • BOP
NOVEMBER	Revision & Term 1 Exam	

TERM II		
DECEMBER	<ul style="list-style-type: none"> • Current Challenges facing Indian Economy 	<ul style="list-style-type: none"> • Rural development • Employment & Unemployment • Environment and sustainable Development • Development exp. Of India, Pakistan and China
JANUARY	<ul style="list-style-type: none"> • Determination of Income and Employment 	<ul style="list-style-type: none"> • AD & AS approach, Multiplier, Excess and Deficient Demand
FEBRUARY	<ul style="list-style-type: none"> • National Income and related aggregates 	<ul style="list-style-type: none"> • National Income and its measure
MARCH	REVISION & TERM II EXAMS	

ACCOUNTANCY

Prescribed Books:

3. Accounting for Partnership (T.S.Grewal, Publisher:S.Chand)
4. Accounting for Company (T.S.Grewal, Publisher:S.Chand)
5. Analysis of Financial Statement (T.S.Grewal, Publisher:S.Chand)

TERM-I

Month	Topics	Sub Topics
March		
April	Accounting	Nature and limitation of accounting

	Principles of accounting Rules of debit and credit Final Account	Principles and concepts of accounting, Trading/Profit & loss account, Balance sheet
May	Fundamental of Partnership Valuation of goodwill	Past Adjustment, Guarantee to partners Goodwill, Average Method, Super profit method and Capitalisation Method. ratio, Sacrificing
June	Change in profit sharing ratio	Treatment of goodwill, Revaluation A/c, Capital A/C and Balance sheet, Restructuring of capital
July	Admission of partner	Gaining ratio, Sacrificing Ratio, Treatment of goodwill, Revaluation A/c, Capital A/C and Balance sheet worksheet/source based questions.

		Project/source based questions.
August	Accounting of share capital	Shares, Equity/Preference, Issue, Allotment, calls, Forfeiture of Shares, Reissue of shares, Capital Reserve, Balance sheet Worksheet/ Discussion worksheet/discussion
September	Ratio Analysis Analysis of financial statement	Profitability, solvency, Liquidity, Turnover ratio Financial Statement
		Term-II
October	Issue and redemption of debenture Cash Flow Statement	Debenture, Types of Debentures, Tax on Interest, writing off interest and turnover ratio, Comparative and common size statement,

		balance sheet and P&L statement worksheet/discussion
November	NPO	NPO, Fund based accounting, Income & Expenditure, Receipt & Payment account, Balance sheet
December	Death/retirement of a partner	Revaluation account, Treatment of different items
January	Dissolution of partner	Realisation account, Treatment of different items
February	Project	Project
March		

BUSINESS STUDIES

Prescribed Books:

5. Business Studies-1 (N.C.E.R.T.)

6. Business Studies-2 (N.C.E.R.T.)

Term-I

Month	Chapters	Topics
March		
April	Economic Activities Forms of Business Ownership Sources of Finance	Business, Profession, Employment, Sole proprietorship, HUF, Partnership, Company, Equity and debt funds

May	<p>Nature and Significance of Management</p> <p>Principles of Management</p> <p>Principles of Management</p>	<p>Nature, Purpose and types of management and levels and coordination</p> <p>FW Taylors principles of management, Functional foremanship, Techniques of Scientific management</p> <p>Henri Fayol</p>	
June	Principle of management	Scientific Management	
July	<p>Business Environment</p> <p>Planning</p>	<p>Nature, Feature, Importance,</p> <p>Process, types</p>	
August	Planning	Nature, Feature, Importance, Process, types	

	Orgnaisations	
		TERM-II
September	Marketing Management	Nature, Feature, Importance, Fours P's
October	Financial Markets	Money, Capital, Primary, Secondary Market, Stock Exchange, SEBI
November	Staffing Directions	Nature, Feature, Importance, Process, , Elements Nature, Feature, Importance, Process, , Elements
December	Controlling Consumer Protection Financial Management	Nature, Feature, Importance, Process Consumer, Rights, duties and remedies Nature, Feature, Importance, Types of decisions, Cap structure
January	Project	Project
February	Revision	

March		
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IP

MONTH	TOPICS	SUB-TOPICS
A P R I L & M A Y	PYTHON PANDAS-I	<p>Creating and accessing list and dictionaries objects.</p> <p>Data structures in Pandas - Series and data frames.</p> <p>Series: Creation of series from dictionary, scalar value; mathematical operations; series attributes, head and tail functions; selection, indexing and slicing.</p>
JULY	PLOTTING WITH PYPLOT	<p>Data Visualization, Library</p> <p>Create different charts.</p> <p>Create different charts along with its components</p>

AUGUST	IMPORT EXPORT DATA BETWEEN CSV FILES SOCIETAL IMPACTS	How to access .csv file in dataframe and how to put dataframe in .csv Digital footprint, net and communication etiquettes, Data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, Free and open source software (FOSS), Cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology.
SEPTEMBER(22 days)		Half yearly exam revision

MONTH	TOPICS	SUB-TOPICS
OCTOBER (20 DAYS)	MYSQL REVISION TOUR MYSQL FUNCTION	Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by.
NOVEMBER	INTRODUCTION TO COMPUTER NETWORKS DATA PROTECTION	Introduction to networks, Types of network: LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway. Network Topologies: Star, Bus, Tree, Mesh. Various threats to data
DECEMBER	PROJECT WORK+ PROGRAM FILE	

JANUARY	INTRODUCTION TO INTERNET AND WEB	<p>Introduction to Internet, URL, WWW and its applications- Web, email, Chat, VoIP.</p> <p>Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website.</p> <p>Web Browsers: Introduction, commonly used browsers settings, add-ons and plug-ins, cookies.</p>
FEBRUARY		REVISION FOR FINAL EXAM
MARCH		

**POLITICAL SCIENCE
CLASS: XII**

Prescribed books :

7. NCERT
8. NEW SARASWATI HOUSE
9. EXAM IDEA

Month & no. of days	Topic	Sub-Topic
April	Cold war era (Term I) Challenges of Nation Building. (Term I)	Causes & consequences of cold war Cuban missile crisis NAM role of India in cold war. Challenges in the eve of independence, process of partition, consequences, Integration of princely states, states reorganization commission.

<p>May</p>	<p>The end of Bipolarity. (Term I)</p> <p>Era of one party Dominance. (Term I)</p>	<p>The soviet system, disintegration of soviet union, causes and consequences of disintegration, shock therapy.</p> <p>Evolution of party system in India, the first three general elections, Congress dominance</p>
<p>June</p> <p>July</p>	<p>Politics of Planned Development. (Term I)</p> <p>Challenges to and restoration of the congress system</p>	<p>Gandhian model, Nehruvian model, Planning commission, Features of India's development planning Green revolution, Recent developments,</p> <p>Political succession after Nehru</p> <p>Non congressism and electoral verdict</p> <p>Congress split and reconstitution</p> <p>Congress victory in 1971 elections</p>

	<p>(Term II)</p>	<p>Politics of garibi hatao</p> <p>Origin of movements, bhartiya kisan union, sardar sarovar project, anti-arrag movement, chipko movement.</p>
August	<p>Alternative centers of power.</p> <p>(Term II)</p>	<p>European union, ASEAN, Rise of Chinese economy, Indo-china Relations.</p>
	<p>Crisis of the Democratic order.</p> <p>(Term II)</p> <p>International organizations.</p> <p>(Term I)</p>	<p>National emergency, causes & consequences of emergency, Lessons of emergency,</p> <p>Evolution of the UN, structure of UN, Jurisdiction of UN, UN peace keeping, Reform of the UN after the cold war. The UN and unipolar world.</p>

September	Contemporary south Asia (Term II)	Rise of military rule in Pakistan Monarchy and democracy in Nepal Democracy in Bangladesh Ethnic conflict in Sri Lanka
	Revision of half yearly syllabus	Revision
October	Globalization. (Term II)	Causes & consequences of globalization, India and Globalization, Resistance to Globalization, circumstances leading to Globalization, India's efforts towards Globalization. Rise of regional parties, political rise of other backward classes, Mandal commission, Dalit politics, Ayodhya dispute, Communal challenge Gujarat riots, National front government, alliance politics in India, Emergence of a new consensus, Growing

HISTORY
CLASS: XII

Prescribed Books:

6. NCERT
7. NEW SARASWATI HOUSE
8. EXAM IDEA

Month & No. of days	Topic	Sub - topic
April	The story of the first cities (Harappan Archaeology). (Term I)	Town planning of Mohenjodaro, Harappan seals socio –economic difference Town Planning decline of civilization

<p>May</p>	<p>Political & Economic history (How Inscriptions tell a story)</p> <p>(Term I)</p> <p>Social History (Using the Mahabharata)</p> <p>(Term I)</p>	<p>Rise of mahajanapada, notion of kinship, mauryan administration, sources of maurya, Battle of Kalinga , Dhamma Mahammata , decline of maurya. Post Maurya period</p> <p>Kinship and class, composition of Mahabharata.</p>
<p>June</p> <p>July</p>	<p>History of Buddhism(Sanchi stupa)</p> <p>(Term I)</p> <p>History of Buddhism(Sanchi stupa)</p> <p>(Term I)</p>	<p>Teaching & philosophy of Buddhism, stupas, Sanchi & Amravati, Buddha sangha</p> <p>Emergence of bodhisattava Growth of puranic Hinduism</p>

August	<p>Bhakti –sufi Tradition. (Term I)</p> <p>Vijayanagara Empire. (New Architecture: Hampi) (Term I)</p>	<p>Principles of bhakti & sufi, biography of famous bhakti saints, teachings of bhakti, besharia & basharia tradition.</p> <p>Fortification of empire, administration of krishnadeva raya, nayaka & amarnayaka system, construction of canals.</p>
September	<p>Kings and chronicles (Term II)</p> <p>Representation of 1857 (Term II)</p>	<p>Mughal chronicles, mansabdari system, provincial administration of Mughals, household of mughals.</p> <p>Causes & consequences of revolt</p>
October	<p>Mahatma Gandhi through contemporary eyes.</p>	<p>Role of mahatma Gandhi in freedom struggle</p>

	(Term II)		
November	<p>The making of the Constitution.</p> <p>(Term II)</p> <p>Colonialism and rural society.</p> <p>(Term II)</p>	<p>Formation of constituent assembly, debate on constitution.</p> <p>Impact of colonialism, various land revenue settlement policy, Zamindari system, Auction of Zamindari, Rise of Jotedars, Condition of paharias in Raj Mahal hills.</p>	
December	Revision	Source based question and map practice	
January		Revision	Revision
February		Revision + pre board	Revision

PSYCHOLOGY

MONTH	TOPICS	SUB-TOPICS
APRIL & MAY	Chapter 2: Self & Personality	<ul style="list-style-type: none">• Concept of Self• Cognitive & Behavioural aspects of self• Culture & self• Concept of personality• Approaches to study personality• Assessment of personality
JULY	Chapter 4: Psychologica I Disorders	<ul style="list-style-type: none">• Concept of abnormality• Classification of Psychological Disorders• Factors underlying abnormal behaviour• Major Psychological Disorders

AUGUST	<p>Ch 3: Meeting life's challenges</p> <p>Practical Work: SCAT, EPQ-R</p>	<ul style="list-style-type: none"> • Introduction • Nature, sources and types of stresses • Effects of stress on psychological functioning and health • Coping with stress • Promoting positive health & wellbeing
SEPTEMBER	<p>Ch 1: Variations in Psychological attributes</p> <p>Revision of Half-yearly exams</p>	<ul style="list-style-type: none"> • Introduction • Individual differences in human functioning • Assessment of psychological attributes • Intelligence • Theories of intelligence • Individual differences in intelligence • Culture and intelligence • Emotional intelligence • Special abilities-Aptitude • Creativity <ul style="list-style-type: none"> • Half yearly exam revision

TERM -2

MONTH	TOPICS	SUB-TOPICS
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OCTOBER	<p>Ch 6: Attitudes and social influence</p> <p>Ch 7: Social Influences & Group processes</p>	<ul style="list-style-type: none"> • Explaining social behaviour • Nature & components of attitude • Attitude formation and change • Prejudice and discrimination • Social cognition, schemas & stereotypes • Introduction • Nature & formation of groups • Type of groups • Influence of group on individual behavior (Social loafing and group polarization)
NOVEMBER	Ch 5: Therapeutic Approaches	<ul style="list-style-type: none"> • Nature and process of psychotherapy, • Types of therapies-Psychoanalytic, behaviour, cognitive, humanistic-existential, alternative therapies, Biomedical therapy • Rehabilitation of mentally ill
DECEMBER	<p>Practical-Self Concept Rating scale</p> <p>Revision</p>	

SOCIOLOGY

Prescribed Books:

1. INDIAN SOCIETY
2. SOCIAL CHANGE AND DEVELOPMENT IN INDIA

TERM -1

MONTH	TOPICS	SUB-TOPICS
TERM II		
DECEMBER	<ul style="list-style-type: none">• Chapter-11: Biotechnology - Principles and Processes• Chapter-12: Biotechn Application	<ul style="list-style-type: none">• Genetic Engineering (Recombinant DNA Technology).• Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.
JANUARY	<ul style="list-style-type: none">• Chapter-13: Organisms and Populations.	<ul style="list-style-type: none">• Organisms and environment: Habitat and niche, population and ecological adaptations; population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution.

	Chapter-15: Biodiversity and its Conservation	<ul style="list-style-type: none"> 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.
FEBRUARY	<ul style="list-style-type: none"> Worksheets Assignments Model – papers 	
MARCH	REVISION & TERM II EXAMS	

AUGUST	Chapter-5. Patterns of Social Inequality and Exclusion. (Term-I)	<p>Patterns of Social Inequality and Exclusion</p> <ul style="list-style-type: none"> • Social Inequality and Social Exclusion • Systems justifying and perpetuating Inequality - Caste, Tribe, the Other Backward Classes • Adivasi Struggles • The Struggle for Women’s Equality and Rights • The struggles of the Differently abled. <p>Activity: Power point presentation on various forms of inequalities present in our society</p>
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<p>SEPTEMBER</p>	<p>Chapter-6. The Challenges of Cultural Diversity . (Term-I)</p> <p>Project work</p> <p>Revision for term-1 examination</p>	<p>The Challenges of Cultural Diversity</p> <ul style="list-style-type: none"> • Cultural communities and the nation state • Regionalism in the Indian context • The Nation state and religion related issues and identities • Communalism, secularism and the nation state • State and Civil Society
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TERM -2

MONTH	TOPICS	SUB-TOPICS
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<p>OCTOBER</p>	<p>Chapter-8. Structural Change. (Term-II)</p> <p>Chapter-9. Cultural Change(Term-II)</p> <p>Revision of TERM-I syllabus</p>	<p>Structural Change</p> <ul style="list-style-type: none"> • Understanding Colonialism, Industrialization and Urbanization. <p>Cultural Change</p> <ul style="list-style-type: none"> • Social Reform Movements • Different Kinds of Social Change: Sanskritisation, Westernization, Modernization, Secularization
<p>NOVEMBER</p>	<p>Chapter-11.Change and Development in Rural Society(Term-II)</p> <p>Revision of TERM-I syllabus</p> <p>TERM-I Examination (October-November)</p>	<p>Change and Development in Rural Society</p> <ul style="list-style-type: none"> • Agrarian Structure : Caste & class in Rural India • Land Reforms, Green Revolution and Emerging Agrarian society • Green revolution and its social consequences • Transformation in Rural Society • Circulation of labor • Globalization, Liberalization and Rural Society.

DECEMBER	Chapter-12. Change and Development in Industrial Society.(Term-II)	Change and Development in Industrial Society <ul style="list-style-type: none"> • From Planned Industrialization to Liberalization • How people find Jobs • Work Processes: How work is carried out, working conditions, home based work, Strikes and Unions
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हिन्दी – आधार कक्षा : बारह

अनुसरितपुस्तकें :

9. पाठ्यपुस्तक : आरोह
10. पाठ्यपुस्तक : वितान
11. अभिव्यक्ति और माध्यम

अर्द्धवार्षिक परीक्षा (TERM – 1)

माह	विषय	उपविषय
अप्रैल	पाठ्यपुस्तक : आरोह (गद्य)	<ul style="list-style-type: none"> • पाठ-1 भक्तिन

मई	<u>पाठ्यपुस्तक : आरोह</u> (पद्य)	<ul style="list-style-type: none"> • पाठ-1 एक गीत – हरिवंशराय बच्चन
जून	<u>पाठ्यपुस्तक : आरोह</u> (पद्य)	<ul style="list-style-type: none"> • पाठ-2 कविता के बहाने
जुलाई	<u>पाठ्यपुस्तक : स्पर्श</u> (गद्य) <u>अभिव्यक्ति और माध्यम</u> <u>पाठ्यपुस्तक : वितान</u>	<ul style="list-style-type: none"> • पाठ-2 बाजार दर्शन • विभिन्न माध्यमों के लिए लेखन • पाठ- सिल्वर वेडिंग
अगस्त	<u>पाठ्यपुस्तक : आरोह</u> (गद्य) (पद्य)	<ul style="list-style-type: none"> • पाठ- काले मेघा पानी दे • पाठ- कैमरे में बाद अपाहिज • पाठ- सहर्ष स्वीकारा है • पाठ – जझ

	<u>पाठ्यपुस्तक : वितान</u>	<ul style="list-style-type: none"> पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया
सितम्बर	अभिव्यक्ति और माध्यम <u>अर्द्ध वार्षिक परीक्षा</u>	पुनरावृत्ति कार्य & <u>अर्द्ध वार्षिक परीक्षा</u>

वार्षिक परीक्षा(TERM - 2)

अक्टूबर	<u>पाठ्यपुस्तक : आरोह</u> (गद्य) <u>पाठ्यपुस्तक : आरोह</u> (पद्य) अभिव्यक्ति और माध्यम <u>पाठ्यपुस्तक : वितान</u>	<ul style="list-style-type: none"> पाठ- पहलवान की ढोलक पाठ-3 उषा कैसे करें कहानी का नाट्य रूपांतरण पाठ- अतीत में दबे पाँव
नवम्बर	<u>पाठ्यपुस्तक : आरोह</u> (गद्य) (पद्य) अभिव्यक्ति और माध्यम	<ul style="list-style-type: none"> पाठ-8 नमक पाठ- कवितावली, लक्ष्मण मूर्छा और राम मिलाप कैसे बनता है रेडियो नाटक

दिसम्बर	<p><u>पाठ्यपुस्तक : स्पर्श</u> (गद्य)</p> <p><u>पाठ्यपुस्तक : स्पर्श</u> (गद्य) अभिव्यक्ति और माध्यम</p>	<ul style="list-style-type: none"> • पाठ- श्रम विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श भारत • रुबाइयाँ, गज़ल • नए और अप्रत्याशित विषयों पर लेखन
जनवरी	<p><u>पाठ्यपुस्तक : वितान</u> अभिव्यक्ति और माध्यम</p>	<ul style="list-style-type: none"> • पाठ – डायरी के पन्ने • पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया, विशेष लेखन स्वरूप और प्रकार
फरवरी	पुनरावृत्ति कार्य	<ul style="list-style-type: none"> • पुनरावृत्ति कार्य।
मार्च	पुनरावृत्ति एवं वार्षिक परीक्षा	

Physical Education
CLASS: XII

Prescribed Books:

12. Health and Physical Education by Saraswati
13. Essentials of Physical Education by Sultan Chand

TERM-1

MONTH	TOPICS	SUB-TOPICS
APRIL & MAY	UNIT-1 Planning in Sports UNIT-2 Sports & Nutrition	Planning in Sports <ul style="list-style-type: none"> • Meaning & Objectives Of Planning Various Committees & its Responsibilities (pre; during & post) • Tournament – Knock-Out, League Or Round Robin & Combination • Procedure To Draw Fixtures – Knock-Out (Bye & Seeding) & League (Staircase & Cyclic) Sports & Nutrition <ul style="list-style-type: none"> • Balanced Diet & Nutrition: Macro & Micro Nutrients • Nutritive & Non-Nutritive Components Of Diet • Eating For Weight Control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance & Food Myths
JULY	UNIT-5 Children & Women in Sports	Children & Women in Sports <ul style="list-style-type: none"> • Motor development & factors affecting it • Exercise Guidelines at different stages of growth & Development • Common Postural and their corrective

		<p>measures</p> <ul style="list-style-type: none"> • Sports participation of women in India
AUGUST	<p>UNIT-6 Test & Measurement in Sports UNIT-8 Biomechanics & Sports</p>	<p>Test & Measurement in Sports</p> <ul style="list-style-type: none"> • Motor Fitness Test • Measurement of Cardio Vascular Fitness – Harvard Step Test/Rockport Test • Computation of Fitness Index • Rikli & Jones - Senior Citizen Fitness Test <p>Biomechanics & Sports</p> <ul style="list-style-type: none"> • Meaning and Importance of Biomechanics in Sports • Types of movements <p>Newton's Law of Motion & its application in sports</p>
SEPTEMBER(22 days)		Half yearly exam revision

TERM -2

MONTH	TOPICS	SUB-TOPICS
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OCTOBER (20 DAYS)	UNIT-7 Physiology & Injuries in Sports UNIT-9 Psychology & Sports	Physiology & Injuries in Sports <ul style="list-style-type: none"> • Physiological factor determining component of Physical Fitness • Effect of exercise on Cardio Respiratory System Effect of exercise on Muscular System • Physiological changes due to ageing • Sports injuries: Classification, Bone & Joint Injuries, Causes, Prevention & treatment Psychology & Sports <ul style="list-style-type: none"> • Personality; its definition & types • Motivation, its type & techniques • Meaning, Concept & Types of Aggressions in Sports
NOVEMBER	UNIT-10 Training in Sports	Training in Sports <ul style="list-style-type: none"> • Strength – Definition, types & methods of improving Strength • Endurance - Definition, types & methods to develop Endurance • Speed – Definition, types & methods to develop Speed

		<ul style="list-style-type: none"> Flexibility – Definition, types & methods to improve flexibility Coordinative Abilities – Definition & types
DECEMBER		Revision for Term-2
JANUARY		
FEBRUARY		REVISION FOR FINAL EXAM
MARCH		

PAINTING

Prescribed Books:

1. History of Indian art
2. Aesthetics of Indian art

Term-1

MONTH & NO. OF DAYS	NO. OF PERIODS	TOPICS	SUB TOPICS
APRIL 19	15	Theory- <ul style="list-style-type: none"> Introduction of Indian Miniature art 	Meaning , Origin & development , characteristics , paintings related to Rajasthani school

		<ul style="list-style-type: none"> Chapter 1-Rajasthani school of painting <p>Practical – Still life</p>	
MAY 9	6	<p>Theory-</p> <ul style="list-style-type: none"> Chapter 2- Pahari school <p>Practical –Poster making</p>	Origin and Development of Pahari school.
JUNE 10	5	<p>Theory-</p> <ul style="list-style-type: none"> Pahari school <p>Practical-Copied work of any famous Indian artist artwork</p>	Characteristics & paintings related to Pahari school
JULY 21	20	<p>Theory-</p> <ul style="list-style-type: none"> Mughal school of painting Deccan school of painting <p>Practical –</p> <p>Nature study</p> <p>Outdoor or Indoor study</p>	Introduction , Origin & development , characteristics , paintings related to school

AUGUST 20	20	Theory- Practical – Landscape Seascape Cityscape	Origin & development , characteristics , paintings related to school
Term-2			
SEPTEMBER 22	15	Theory- •Bengal school of painting Practical- Composition	Discuss about new trend Techniques used by Indian artist in 20 th century
OCTOBER 16	14	Theory- •Evolution of the Indian National Flag •Modern trends in Indian art Practical – Gestures drawing , life study etc	Different artists and their artwork.
NOVEMBER 18	10	Theory •Paintings &sculptures of the	Revision

		contemporary Indian artist Practical – Folk art	
DECEMBER 17	10	Revision	Revision
JANUARY 17		Revision	Revision
FEBRUARY 18	10	Revision	Revision
MARCH			

Music

Prescribed books :

1. Sangeet Manjusha
2. Swarlipi sangrah

Term -1

Month	Topics	Sub-Topics
April & May	<ol style="list-style-type: none">1.Detail study of Raga Bhairav2.Detail study of Tilwada tala3.Brief study of Alankar, meend & gamak.	<ol style="list-style-type: none">1. Raag Parichay2. Aaroh, awroh & pakad3. Vilambit khayal with alaap and taan4. Drut khayal with alaap and taan.5. Tala Parichay6. Notation of thah, dugun and chaugun.7. Definition of Alankar, meend & gamak and singing style.
June & July	<ol style="list-style-type: none">1.Detail study of Raga Bageshri2.Detail study of Rupak Tala & Jhaptala	<ol style="list-style-type: none">1. Raag Parichay2. Aaroh, awroh & pakad3. Vilambit khayal with alaap and taan4. Drut khayal with alaap and taan.5. Tala Parichay6. Notation of thah, dugun and chaugun.

August	<p>1. Historical development of Time Theory of Ragas</p> <p>2. Detail study of Dhamar Tala</p>	<p>1. Detail study of Time theory of Ragas in different ways.</p> <p>2. Tala Parichay</p> <p>3. Notation of thah, dugun and chaugun.</p>
September	<p>1. Detailed study of the following: Sangeet Ratnakar</p> <p>2. Brief study of the following :- Alap, Tana & Gamak</p>	<p>1. Detail study of sangeet Ratnakar granth.</p> <p>2. Definition of Alaap, taan & gamak along with singing style.</p>

Term-2

Month	Topic	Sub-Topics
October	<p>1. Brief study of the following :- Gram, Murchhana, Kan, Khatka, Murki</p> <p>2. Detail study of Raga Malkouns.</p>	<p>1. Definition of Gram, murchana kan, khatka & murki along with singing style.</p> <p>2. Critical study and writing in Notation the compositions (vilambit & drut khayal with alaap taan) of the prescribed Raga along with recognizing the Raga from phrases of Swaras & elaborating it. Malkouns</p>
November	<p>1. Life sketch and contribution to music of: FaiyazKhan, Bade Ghulam Ali Khan, Krishna Rao Shankar Pandit.</p>	<p>1. Life sketch & contributions of Musicians.</p> <p>2. Practice of Vilambit & drut khayal with alaap & taan</p> <p>3. Tarana with laykari in Malkouns</p>

	<ol style="list-style-type: none"> 2. Raga Malkouns 3. Tarana 	
December	<ol style="list-style-type: none"> 1. Detailed study of the following:Sangeet Parijat 2. Dhamar 	<ol style="list-style-type: none"> 1. Detail study of Sangeet Ratnakar granth. 2. Dhamar Gayan shaily in Bhairav Raga with laykari.
January	<ol style="list-style-type: none"> 1. Knowledge of tuning of the Tanpura. 2. Practice of Raga Malkouns, Tarana & Dhamar 	<ol style="list-style-type: none"> 1. Knowledge of tuning taanpura kharaj & jodi taar. 2. Practice of Raga Malkouns, Tarana & Dharma with Tabla.
February		Revision for final exam