

**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XII SCIENCE**  
**ACADEMIC SESSION 2024 - 25**  
**ENGLISH LANGUAGE**  
**ABSOLUTE ENGLISH Meena Singh and OP Singh**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
Section A Chapter 1, 2, 3, 4	Writing an essay, organising and planning, paragraph writing, the statement, introduction and conclusion of essays	Section B Part 4	Revision
Section B Chapter 1 - 7	Phrasal verbs, Agreement of the verb with the subject, Tenses and their use, sequence of tenses, active and passive voice, reported speech I and II	Section B Part 5	Listening Skills, Speaking skills, Writing skills
Part 2 Section Chapter 1- 9	Composition - Narrative, Descriptive, Argumentative, Reflective, Free choice, Short story	Part 6	Specimen papers 1-16
Part 2 Section B	Preposition, conditional sentences, Adjective of composition		Revision
Part 3 Section A and B	Directed Writing , Book Review, Proposal Writing, Speech Writing, Transformation of Sentences		
Part 4	Comprehension and Summary Writing		
	Composition , Comprehension, Report Writing (Dated, undated), Personal Profile, Review ( All types ), Speech, Article, Proposal Writing, Grammar ( Transformation of Sentences, Phrasal Verbs/ Prepositions, Tense) Listening Skill/ Speaking Skill		Composition , Comprehension, Report Writing (Dated, undated), Personal Profile Review ( All types ), Speech, Article, Proposal Writing, Grammar ( Transformation of Sentences, Phrasal Verbs/ Prepositions, Tense) Listening Skill/ Speaking Skill
PROJECT TOPICS :		PROJECT TOPICS :	

1. A Process Description (e.g. Instructions to operate a device, a recipe, a scientific experiment)

1. Description of a sporting event OR

2. Review of a television serial

Project submission date : Ist project :on or before 25th August 2024

Final: on or before 30th November 2024

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**ST. FRANCIS XAVIER SCHOOL**  
**SYLLABUS FOR CLASS XII SCIENCE**  
**ACADEMIC SESSION 2024 - 25**  
**ENGLISH LITERATURE**

**Prescribed Text Books : Macbeth, Prism, Rhapsody**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
<b>Macbeth</b>	Act 3, 4	<b>Macbeth</b>	Act 5
<b>Prism</b>		<b>Prism</b>	
11	Atithi/Guest -Rabindranath Tagore	14	Indigo - Satyajit Ray
12	The Cookie Lady - Philip K. Dick	15	The Medicine Bag - Virginia Driving Hawk Sneve
13	There Will Come Soft Rains -Ray Bradbury		
<b>Rhapsody</b>		<b>Rhapsody</b>	
11	Telephone Conversation- Wole Soyanka	14	Small Towns and the River
12	Tithonus - Alfred, Lord Tennyson	15	Death Be Not Proud - John Donne
13	Beethoven - Shane Koyczan		
PROJECT TOPICS :		PROJECT TOPICS :	
1. Analysis of a theme from any short story/poem in the prescribed texts OR		1. Imagining an alternate outcome or ending or extension of the chosen text and its impact on the plot/setting/characters/mood and tone OR	
2. Analysis of a character from the drama or any short story/poem in the prescribed texts		Comparing and contrasting two characters/themes from different short stories/poems of the prescribed texts	
Project submission date : Ist project :on or before 25th August 2024			
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**ST. FRANCIS XAVIER SCHOOL**  
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**ACADEMIC SESSION 2024 - 25**  
**PHYSICS**

**Prescribed Text Book : ISC PHYSICS XII, Balaji Publications**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
1/ELECTROSTATICS	Electric charges, coulomb's law, electric field, lines of force, gauss' law, dipole, field due to dipole, torque on a dipole.	8/MAGNETIC FIELDS AND MAGNETIC SUBSTANCES, EARTH MAGETISM.	Distinction between magnetic field and electric field, magnetic field lines due to a magnetic dipole, expression for magnetic field due to mangetic dipole, magnetic flux.
	potential, potential energy, potential due to point charge, potential due to dipole, work done in rotating a dipole.		Earth's magnetic field, the component of earth's magnetuic fied, angle of dip, angle of inclination- their definitions and relations.
	dielectric, dielectric constant, capacitance, combination of capacitance, energy stored in a capacitance, dielectric in capacitance, dilectric strength.		types of magnetic material, paramagnetic, diamagnetic and ferromagnetic material. Concepts of magetic substance, and relative permeability.
2/PHOTO ELECTRIC EFFECT AND DUAL NATURE OF MATTER AND RADIATION	photo electric effect, lenard experiment, outcomes and graphical representation, analysis. Einstein equation, planck constant from te graph.	9/ELECTROMAGNETIC INDUCTION. AND ALTERNATING CURRENT	Faraday's laws, induced emf and current; Lenz's Law, eddy currents. Self-induction and mutual induction. Transformer.
	dual nature of matter and radiation, davisson germer experiment, wave nature of electron, exhibition wave nature through diffraction. Exprimental observartion.		Peak value, mean value and RMS value of alternating current/voltage; their relation in sinusoidal case; reactance and impedance;LC oscillations (qualitative treatment only),LCR series circuit, resonance; power in AC circuits, wattless current. AC generator.
	Basics of electricity, drift motion, derivation for the expression for current, ohm's law, prove of ohm's law. Expression for conductivity, mobility, resistivity, etc.		Wave front and Huygen's principle. Proof of laws of reflection and refraction using Huygen's principle. Interference, Young's double slit experiment and expression for

3/CURRENT ELECTRICITY	d.c. circuits and measurement, kirchoff's law, combination of cells, potentiometer, application of potentiometer, terminal voltage, internal resistance. electrical energy, joule heating, basics	10/OPTICS (WAVE OPTICS)	fringe width( $\beta$ ), coherent sources and sustained interference of light, Fraunhofer diffraction due to a single slit, width of central maximum; polarisation, plane polarised light, Brewster's law, uses of plane polarised light and Polaroids.
4/OPTICS (RAY OPTICS)	<p>reflection of light on spherical mirror, basics of reflection.</p> <p>refraction through plane surface, real depth and apparent depth, refraction through prism, minimum deviation, dispersion, angular dispersion, rayleigh's theory of scattering of light. refraction through spherical surface, rarer to the denser medium, lens maker formula, combination of lens, magnification, power of a optical instruments, simple microscope, compound microscope, derivation of the magnifying power, refracting telescope, derivation of the magnifying power, reflecting telescope, advantages and disadvantages and uses.</p>	11/ATOMIC PHYSICS	<p>Alpha-particle scattering experiment; Rutherford's atomic model; Bohr's atomic model, energy levels, hydrogen spectrum. formulae for wavelength in Lyman, Balmer, Paschen, Brackett and Pfund series. Rydberg constant. frequency and wavelength of different lines of emission spectra;</p> <p>Composition and size of nucleus, Radioactivity, alpha, beta and gamma particles/rays and their properties; radioactive decay law. Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number; Nuclear reactions, nuclear fission and nuclear fusion.</p>
5/MAGNETIC EFFECT OF CURRENT AND MAGNETISM	<p>Biot-Savart law, vector form, application, (all) with graphical explanation. Ampere's circuital law, application, solenoid.</p> <p>force on a moving charge, Lorentz force, force on a current carrying conductor, force between two parallel current carrying conductor. Working and limitation of cyclotron.</p> <p>Derivation of the torque experienced by a current carrying conductor.</p> <p>Moving coil galvanometer, current and voltage sensitivity, conversion of galvanometer into ammeter and voltmeter.</p>	12/NUCLEAR PHYSICS	<p>Semiconductor Electronics: Materials, Devices and Simple Circuits. Energy bands in conductors, semiconductors and insulators (qualitative ideas only). Intrinsic and extrinsic semiconductors.</p>
		13/ELECTRONIC DEVICES	<p>Semiconductor diode: I-V characteristics in forward and reverse bias, diode as a rectifier;</p> <p>Special types of junction diodes: LED, photodiode, solar cell and Zener diode and its characteristics, Zener diode as a voltage regulator.</p> <p>Junction transistor, npn and pnp transistor, transistor action, characteristics of a transistor and transistor as an amplifier (common emitter configuration).</p>

6/  
ELECTROMAGNETIC WAVES

Basic idea of displacement current, E M waves characteristics, transverse nature, order of electromagnetic wave, source, properties and

7/ DIGITAL ELECTRONICS

Elementary idea of discrete and integrated circuits, logic gates, boolean equations, truth tables, NOT, OR, AND, NOR, NAND ETC.

14/COMMUNICATION SYSTEM

Elements of a communication system (block diagram only); bandwidth of signals (speech, TV and digital data); bandwidth of transmission medium. Modes of propagation of electromagnetic waves in the atmosphere through sky and space waves, satellite communication. Modulation, types (frequency and amplitude), need for modulation and demodulation, advantages of frequency modulation over amplitude modulation. Elementary ideas about internet, mobile

PROJECT TOPICS : Interference of light and sound, Capacitor and inductance and its applications in electrical appliance, Reflection on spherical mirror, Alternating Current, Radio activity, Diodes and its applications, Astronomical telescopes (James Webb telescope and Hubble space telescope), Diffraction of light, Nuclear physics, Refraction through lens and prism, Wireless Communications, Electromagnetic waves, Transistor and its applications, Atomic physics, Digital electronics, Photo electric effect and recent research trend, Moving coil Galvanometer and conversion of galvanometer into ammeter and voltmeter. Semiconductor physics, Earth magnetism and cosmic rays

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**SYLLABUS FOR CLASS XII SCIENCE**  
**ACADEMIC SESSION 2024 - 25**  
**CHEMISTRY**

**Prescribed Text Book : ISC CHEMISTRY by Dr Sawhney(Balaji Publications)**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
Aldehyde, Ketones & Carboxylic acids	General Classification, Manufacture, Preparation, Properties ,Conversion  Properties, Conversion, Distinction between Aldehydes & Ketones , Aliphatic & Aromatic Aldehydes	Surface Chemistry	Adsorption, Freundlich Isotherm, Protective Colloid, Colloidal State, Hardy Schulze Rule, Gold number, Chemisorption & Physiosorption
Coordination Compounds	Important terms of Co-ordination Compounds ,Naming, Nomenclature of co-ordination compounds, Isomerism , bonding -VBT & CFT & Limitations.	Chemical Kinetics	Rate of Reaction , Law of Mass Action, Concept Of reversible Reactions Equilibrium Constant in terms of Graphical Representations,Order & Molecularity Reaction, Mechanism Arrhenius Equation & Catalyst.
Solutions	Raoult's law , Colligative properties, Depression in Freezing point, Elevation in Boiling, Osmotic Pressure.Van'tHoff factor.	P-block elements	Group 15- ammonia , oxides of Nitrogen, Oxoacids of Phosphorous , Group 16- Sulphur , Ozone and its reaction with Mercury and KI, Structures , Oxoacids of Sulphur , Group 17 - Interhalogens, Oxoacids of Halogens, Group 18 - Xenon, Inert nature , halides
Alcohol & Phenols & Ethers	Nomenclature, preparation, Basic Character, Properties- Lucas Test, Conversion of one alcohol to another Organometallic compounds.	d- and f-Block elements	f-block-4f and 5f series -oxidation state
Solid State	Crystalline & Amorphous Lattice, Relation between Radius edge length, density, Interstitial Void, Imperfections in a Solid,	Chemistry in everyday life	Chemicals in Medicine-analgesics, tranquilizers, antiseptics, disinfectants,antacids, Chemicalsin Food-Artificial Sweetener



Electrical & magnetic Properties.

Organic Compounds Containing Nitrogen	Types of Amines ,chemical properties,Distinguishing Tests between primary ,Secondary and Tertiary Amines	Biomolecules	DNA Vitamins - uses, Proteins - Amino Acids , zwitterion, Carbohydrates- reducing and non-reducing
Electrochemistry	Cell Notation , Nernst Equation, Electromotive Force, Conductance, Faraday's Law Of Electrolysis, Electrode Potential, Specific Conductance, Kohlrausch's Law	General Principles of Isolation of Elements	Metallurgy, ores and metallurgy, principle ores of aluminium , iron, copper , zinc and Silver
Haloalkanes and Haloarenes	Nomenclature, preparation, Properties- Chlorobenzene, Organometallic Compounds	Polymers	Methods of polymerisation, Addition , Condensation , Bio-degradable and non-biodegradable

PROJECT TOPICS: Finger Printing , Forensic Sciences , Chemistry in Industrial Field, Co-ordination Chemistry in Medicinal Field, Biomolecules , Natural Polymers.

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MATHEMATICS**

**Prescribed Text Book : ISC MATHEMATICS by M.L.Agarwal and ISC MATHS by Saha & Saha.**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
	<b>SECTION A</b>		<b>SECTION A</b>
Inverse trigonometric Matrices	Inverse trigonometric function	Probability ( II )	Mean, Variance of Random Variable
Determinants	Operations, Martin's Rule	Probability ( III )	Binomial Distribution
Relations	Properties	Increasing and	Increasing and decreasing Function
	Properties and Equivalence Relation	Equation of Tangent and Normal (Revision)	Equation of Tangent and Normal
		Definite	Properties and its application,by
Functions	Real valued function and invertibility	integration,Indefinite	Substitution,Standard Methods, By
		Integration (Revision)	Parts,Special Integrals
Binary Operations	Axioms and Properties	Vectors ( <b>SEC-B</b> ) (Revision)	Scalar or dot product, Cross Product, Scalar Triple Product
		Regression Analysis ( <b>SEC - C</b> ) (Revision)	Line of best fit , angle between regression lines
Continuity	Continuity of functions		<b>SECTION B</b>
Differentiability	Concept of differentiability	Area under the curve	Application of definite integration
	<b>SECTION A</b>	The Plane	Cartesian & Vector Equation, Angle between two planes, Equation of Plane through
Differentiation	Differentiation of 1st order, parametric form, implicit functions		Intersection of Planes.
Differentiation (Higher Derivative)	Successive differentiation		<b>SECTION C</b>
Indeterminate Form of Limits	L'Hospital's Rule	Application of derivative in	Cost and revenue function. Profit function, break even point
Rate Measurer	Rate Measurer		
Approximation	Approximation		
Increasing and decreasing Function	Increasing and decreasing Function		
Equation of Tangent and Normal	Equation of Tangent and Normal		
	Rolle's theorem and Lagrange's Mean value theorem		
Mean Value Theorem	By Substitution,Standard Methods, By		
Indefinite Integration	Parts,Special Integrals		

Probability ( I )      Conditional probability,independent events,  
Bayes' theorem.

**SECTION B**

Vectors      Scalar or dot product, Cross Product, Scalar  
Triple Product  
Cartesian & Vector Equation in 3D,

Straight Line in Space      Coplanar & Skew Lines, Shortest Distance

**SECTION C**

Regression Analysis      Line of best fit , angle between regression

Linear programming      Linear programming (Graphically)

PROJECT TOPICS : 1 topic from Sec A and 1 topic from Sec B or Sec  
C as mentioned in Council's site.

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**BIOLOGY**

**Prescribed Text Book : ISC BIOLOGY by Dr. S C Tripathy, Balaji Publication**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
Reproduction in Organisms	Reproduction, a characteristic feature of all organisms for continuation of species; modes of reproduction - asexual and sexual reproduction; asexual reproduction - binary fission, sporulation, budding, gemmule formation, fragmentation; vegetative propagation in plants	Evolution	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.
Sexual reproduction	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.	Human Health and Diseases	Pathogens; parasites causing human diseases (common cold, dengue, chikungunya, typhoid, pneumonia, amoebiasis, malaria, filariasis, ascariasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse.
Human Reproduction	Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis - spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementaryidea).	Strategies for enhancement in food production	Improvement in food production: green revolution, plant breeding, tissue culture, single cell protein, biofortification, apiculture and animalhusbandry.

Reproductive Health	Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).	Microbes in Human Welfare	In household food processing, industrial production, sewage treatment, energy generation and microbes as biocontrol agents and biofertilisers. Antibiotics.
Principles of inheritance and variation	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; chromosomal theory of inheritance; chromosomes and genes; sex determination - in humans, fruit fly, birds and honey bee; linkage and crossing over; mutation; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans; chromosomal disorders in humans	Biotechnology - Principles and processes	Genetic Engineering (recombinant DNA technology)
Molecular basis of Inheritance	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; human and rice genome projects; DNA fingerprinting	Biotechnology and its applications	Applications 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 biopatents.
		Organisms and Populations	Organisms and environment: habitat and niche, population and ecological adaptations; population interactions - 236 mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution.
		Ecosystem	Ecosystems: patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy; nutrient cycles (carbon and phosphorous); ecological succession; ecological services - carbon fixation, pollination, seed dispersal, oxygen release (in brief)

Biodiversity and its Conservation	Concept of biodiversity; patterns of biodiversity; importance of biodiversity; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, biosphere reserves, national parks, sanctuaries and Ramsarsites
Environmental Issues	Air pollution and its control; water pollution and its control; agrochemicals and their effects; solid waste management; radioactive waste management; greenhouse effect and climate change; ozone layer depletion; deforestation; any one case study as success story addressing environmental issue(s).

PROJECT TOPICS: DNA fingerprinting, Autism, Alzheimer's, Parkinson's disease, Gene Therapy etc.

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**ACADEMIC SESSION 2024 - 25**  
**COMPUTER SCIENCE**

**Prescribed Text Book :Understanding ISC Computer Science by Pandey and Dey, Avichal Publishing Company**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE	TOPICS	CHAPTER NO./TITLE	TOPICS
Boolean Algebra	Propositional logic, Binary quantities, theorems, Karnaugh-maps, minterms, maxterms,SOP,POS .	Functions /Methods	Function invocation - call by value, call by reference, Constructors, Formal/actual argument, Overloading, programs etc
Computer Hardware	Logic Gates – AND, OR, NAND,NOR,XOR,XNOR Adders – half and full, Encoders, Decoders etc.	Arrays, Strings	1-D Arrays, 2-D Arrays, String concept, syntax and applications in computer programs etc.
Objects and Classes	Attributes, behaviour, Objects, Classes and their examples	Compiling and Running Java Programs	Writing , Compiling and executing Java Programs (In Blue Java) etc
Java Revision Tour	Anatomy of java,fundamentals , Exceptions etc.	Classes-An OOP Perspective	OOP Concept, characteristics of OOP,features of OOP, Classes, JVM etc.
Primitive values, Datatypes	Basic concepts, Token, Variable, different datatypes, their behaviour, casting, precedence	Recursion	Difference with Iteration, Merits, Demerits,Programs etc
Statements, Control Structures and Scope	if, if – then - else, switch, loops, different types, their syntax, use and differences etc.	Concept of Inheritance	Concept,Types of Inheritance, method overriding, base, derived class, super keyword, Programs etc
Functions /Methods	Functions - Concept and terminologies, need, advantages, disadvantages	Simple Data Structures	Stack and its applications,Queues and its types-Circular, deque,Single linked list
		Recursive Data Structures	Trees, terminologies, Types of Traversal Techniques -Inorder, Preorder, Postorder.
		Computational Complexity	Definition, Big O Notation, Best, Worst, Average case complexity
PROJECT TOPICS: Total 15 Programs from Loop, Class and Method based Programs), Chapter 8( 1D arrays, 2D arrays, Strings)		PROJECT TOPICS :Total 10 Programs from Function and Class based Programs, Recursion, Simple Data Structures,Inheritance .	
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**ACADEMIC SESSION 2024 - 25**  
**BENGALI**

**Prescribed Text Book : 1. PROBONDHO O GODHYA SONKOLON, 2. KABITA SONKOLON,3. KONI.**

HALF YEARLY		REHEARSAL	
CHAPTER NO./TITLE PROSE	TOPICS	CHAPTER NO./TITLE PROSE	TOPICS
7	আদাব	9	একটি তুলসী গাছের কাহিনী
8	লছমনের মা	10	না পাহারার পরীক্ষা
POEM		POEM	
7	যদি নির্বাসন দাও	9	স্বাধীনতা তুমি
8	রাস্তা কারোর একার নয়	10	নুন
KONI	পরিচ্ছেদ ৯-১২	KONI	পরিচ্ছেদ ১৩-১৪
GRAMMAR	রচনা বোধপরীক্ষণ এককথায় প্রকাশ ,বাগধারা , বানান শুদ্ধ।	GRAMMAR	রচনা বোধপরীক্ষণ,বাক্য পরিবর্তন ,বাচ্য পরিবর্তন,অনুকার অব্যয় এককথায় প্রকাশ ,বাগধারা , বানান শুদ্ধ,সাধু চলিত ।

PROJECT TOPICS: কলকাতায় ভারতের প্রথম আন্ডারওয়াটার মেট্রো পরিষেবা

PROJECT TOPICS : "ওরা কাজ করে " কবিতার কবি পরিচিতি ,মূলগ্রন্থ ,কবি কোন পরিস্থিতিতে কবিতাটি লেখেন এবং কবিতার বিষয়বস্তু আলোচনা কর।

Project submission date 1st project : on or before 28.08.24

Final :on or before 28.11.24.

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**HINDI**

**Prescribed Text Book : गद्य संकलन, काव्य मंजरी, आषाढ़ का एक दिन, व्याकरण मंजूषा**

HALF YEARLY		REHEARSAL	
CHAPTER NO. /TITLE	TOPICS	CHAPTER NO. /TITLE	TOPICS
3	शरणागत- वृंदावन लाल वर्मा	8	उद्यमी नर -रामधारी सिंह दिनकर
4	सती- शिवानी	9	बादल को घिरते देखा है -नागार्जुन
1	साखी -कबीरदास		आषाढ़ का एक दिन मोहन राकेश (अंक 1,2, 3)
4	आ: धरती कितना देती है -सुमित्रानंदन पंत		WHOLE SYLLABUS
7	भक्तिन- महादेवी वर्मा		
9	संस्कृति क्या है -रामधारी सिंह दिनकर		
8	क्या निराश हुआ जाए -हजारी प्रसाद द्विवेदी		
	आषाढ़ का एक दिन (अंक 1,2,3)		
व्याकरण		व्याकरण	
	अशुद्ध वाक्य को शुद्ध करना		अशुद्ध वाक्य को शुद्ध करना
	मुहावरों का वाक्य में प्रयोग करना निबंध लेखन,अपाठित गद्यांश		मुहावरों का वाक्य में प्रयोग करना निबंध लेखन ,अपाठित गद्यांश

PROJECT TOPICS: संस्कृति क्या है पाठ के आधार पर भारतीय संस्कृति और सभ्यता के बारे में बताइए ।

PROJECT TOPICS मोहन राकेश का साहित्यिक परिचय देते हुए नाटक की मुख्य पात्र मल्लिका का चरित्र चित्रण कीजिए ।

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