



Indian School Wadi Kabir

ISWK SHARING KNOWLEDGE
(Monthly Plan - March 2024)

class XII

Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
English			INTRODUCTION TO SYLLABUS. LOST SPRING	LOST SPRING CNTD NOTICE WRITING	MY MOTHER AT 66	STUDENTS ARE ABLE TO WRITE NOTICE USING THE RIGHT FORMAT , LAYOUT AND LANGUAGE STRUCTURE. THEY ARE ABLE TO ANSWER LOCAL, GLOBAL AND COMPETENCY BASED QUESTIONS BASED ON THE LITERATURE TEXTS.
Mathematics			Types of Matrices, Operations on matrices	Transpose of a matrix, Symmetric and skew symmetric matrices,	Determinant of a square matrix. Properties & applications Minors and cofactors, Adjoint and inverse of a matrix, Apply the concepts to solve word problems	Children understands types of Matrices, and operations on matrices, Transpose of a matrix, Symmetric and skew symmetric matrices, Understands the determinant of a square matrix. Identifies properties and applications & Minors and cofactors, Adjoint and inverse of a matrix, Applies the concepts to solve word problems

<p>Physics</p>			<p>Knowledge of different types of charges, coulomb's law and its application to find the force between point charges. Understand the importance of superposition principle and different charge densities.</p>	<p>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</p>	<p>Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside). Exercise and worksheet.</p>	<p>Students acquire the basic knowledge of Electric charges, concept of electrostatic force in vector form different distribution of charges, Electric field produced by different distribution of charges and its mathematical analysis. Student will be able to relate the phenomena of charging of a body with daily life.</p>
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Chemistry			Unit VI: Haloalkanes and Haloarenes. Haloalkanes: Nomenclature, nature of C–X bond, Physical and chemical properties.	substitution reactions. Haloarenes	Elimination reactions, Reactions of haloarenes	<p>The students recall the IUPAC naming of haloalkanes and haloarenes.</p> <ul style="list-style-type: none"> -understand the structure of haloalkanes and haloarenes. - classify the haloalkanes as primary, secondary and tertiary. <p>The students analyse the nucleophilic substitution reaction in terms of the stereochemistry of the product(s)</p> <ul style="list-style-type: none"> - understands the elimination reactions like dehydrohalogenation. - describes the formation of organometallic compounds like Grignard reagent -recalls the ortho and para directing nature of halogens in benzene towards electrophilic substitution - predicts the products for halogenation, nitration , sulphonation and Friedel Crafts reaction of mono substituted haloarenes.
Biology			Sexual reproduction in flowering plants: Pre-fertilisation - structure & Events	Double Fertilisation & Post fertilization : -structure and events	Pollination Apomixis & Polyembryo	<ul style="list-style-type: none"> · Explain the structure of stamen and pistil · Describe the process of microsporogenesis and

						<p>megasporogenesis</p> <ul style="list-style-type: none"> · Appreciate the importance of pollination · Draw diagrams of anther, ovule and embryo sac · Illustrate embryo and embryo sac development <p>Explain the process of apomixis and polyembryony</p>
Informatics Practices			<p>Introduction to Pandas, features, Series and Data Frames. Series: Creation of Series from – ndarray, list, dictionary, scalar value</p>	<p>attributes of series, Mathematical operations; Head and Tail functions; Selection, Indexing and Slicing. Comparison of series</p>	<p>Different operations on Series</p>	<p>Students will learn the Concept of Series and Dataframe Creation of series</p> <p>They will learn the Different concepts of applying build in functions</p> <ol style="list-style-type: none"> 1. Selection 2. slicing 3. Indexing
Computer Science			<p>Revision of Python topics covered in Class XI, Flow of</p>	<p>Functions: types of function (built-in</p>	<p>Types of arguments, actual and</p>	<p>Students will understand the application programs using the python 1.</p>

			<p>execution String, List , Tuple , Dictionaries and its functions</p>	<p>functions, functions defined in module, user defined functions)</p>	<p>formal arguments Types of parameters</p>	<p>Simple sequence 2. Selection Statements 3. Iterative Statements 4. Sequences : Mutable and Immutable Sequences Students will be able to understand the various scope of variables 1. Local scope concepts 2. Global scope Concepts. 3. Function calling itself</p>
<p>ACCOUNTANCY</p>			<p>Fundamentals of Partnership Accounting: Introduction, Interest on Capital, Interest on Drawings, Remuneration for partners. Charges & Appropriation of profit.</p>	<p>Fixed v/s fluctuating capital account-Capital A/c & Current A/c. Profit/Loss Appropriation A/c. Interest on Capital, Interest on Drawings, Remuneration for partners. Charges & Appropriation of profit. Fixed v/s fluctuating</p>	<p>Change in profit-sharing ratio: Meaning of sacrificing ratio, gaining ratio and the change in profit sharing ratio among existing partners. Entries for goodwill and reserves. Preparation of capital A/c and balance sheet.</p>	<p>Knowledge of Partnership, Partnership firm and partnership deed. Characteristic features of partnership and the contents of partnership deed. Able to calculate IOC,IOD,remuneration of partners. Preparation of P/L A/c, Appropriation A/c. Develop the understanding and skill of making past adjustments. Meaning, nature and factors affecting goodwill. Meaning, nature and factors affecting goodwill develop the understanding and skill of</p>

				<p>capital account-Capital A/c & Current A/c.Profit/Loss Appropriation A/c. Past Adjustment & Guarantee of profit Nature & valuation of Goodwill.</p>		<p>valuation of goodwill using different methods. Valuation of goodwill using different methods. Knowing the concept of sacrificing ratio, gaining ratio and acquire the skill to calculate these ratios and the change in profit sharing ratio among existing partners. Entries for goodwill and reserves. Able to prepare capital A/c and Balance Sheet.</p>
BUSINESS STUDIES			<p>Management - concept, objectives, And importance. Management as Science, Art and Profession Levels of Management Management functions-planning, organizing, staffing, directing and controlling</p>	<p>Coordination- concept and importance Principles of Management - concept and significance Taylor's Scientific management - principles and techniques</p>	<p>Taylor's Scientific management - principles and techniques Fayol's principles of management</p>	<p>Introduce the concept of management - Engage the class in a discussion of effectiveness and efficiency - Outline the features of management Outline the features of management - Highlight the importance of management - Reiterate the features and criterias for management as Art, Science and Profession Highlight the concept of Coordination - Illustrate the features</p>

						<p>of Coordination</p> <ul style="list-style-type: none"> - Outline the importance of Coordination <p>Introduce the concept</p> <ul style="list-style-type: none"> - Reiterate the features of PoM - Highlight the importance of PoM <p>Discuss in detail Taylor's Principles</p> <ul style="list-style-type: none"> - Illustrate the techniques with examples - Highlight Fayol's Principles Illustrate the techniques with examples - Highlight Fayol's Principles <p>Outline the differentiation</p>
ECONOMICS			<p>Money and Banking: Introduction Functions and Supply of money</p>	<p>Functions of Central Bank , Commercial Banks, Credit Creation</p>	<p>Indian economy on the eve of Independence: Features, Agricultural sector, Industrial sector,</p>	<p>Understands the Functions and Supply concepts of Money Barter System Credit creation by Com banks Understanding the situation of Indian economy at the eve of Independence</p>

<p>ENTREPRENEURSHIP</p>			<p>Chp 1 Entrepreneurial Opportunities</p> <p>Concept of Entrepreneurship</p> <ul style="list-style-type: none"> - Business opportunity and its elements - Concept of Sensing Entrepreneurial Opportunities - Factors involved in sensing opportunities <p>Environment Scanning</p> <ul style="list-style-type: none"> - Need for environment scanning and its importance - SWOT analysis framework and analysis of the environment - business environment and PESTEL model - Concept of problem identification 	<p>Spotting Trends</p> <ul style="list-style-type: none"> - Creativity and Innovation - Selecting the right opportunity <p>Chapter 1:</p> <p>Writing Notes</p>		<p>Understand the concept of Entrepreneurship</p> <ul style="list-style-type: none"> - Identify the concept of business opportunity and its elements - Analyze the concept of sensing entrepreneurial opportunities and its factors <p>- Breakdown the concept of environment scanning</p> <ul style="list-style-type: none"> - Recall the concept of business environment and recognize the factors involved in the PESTEL model - Focus on the concept of problem identification <p>Outline the concept of spotting trends</p> <ul style="list-style-type: none"> - Engage a discussion on creativity and innovation - Determine the method for selecting the right opportunity
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<p>MARKETING</p>			<p>Green Skills 1. Identify the role and importance of green jobs in different sectors 2. Comprehend the role of the government initiatives and policies for preservation of the green economy</p>	<p>CH - Product 1. Explain meaning of Product in marketing 2. Explain the components of Product 3. Understand the characteristics and importance of a product 4. Differentiate between the product levels</p>	<p>5. Understand the factors influencing the product mix 6. Analyze Product terms and decisions 7. Classify the products 8. Analyze the marketing strategies of the classified products</p> <p>1. Evaluate the features of the classified products 2. Explain various Types of industrial goods and their features 3. Stages of Product Life cycles and related</p>	<p>Green Skills - Students will be able to learn the role and importance of green jobs in different sectors</p> <p>They will be able to Comprehend the role of the government initiatives and policies for preservation of the green economy</p> <p>CH 1 - Product Students will be able to learn the concept of Product.Its components,characteristics and importance. They will be able to differentiate between various product levels. Classifications of Products.</p> <p>PLC - Concept and its related characteristics and marketing</p>

					<p>marketing strategies</p> <p>4. Explain the role and importance of Packaging</p> <p>1. Understand the useful packaging decisions</p> <p>2. Elucidate the functions of a good packaging</p> <p>3. Types of packages</p> <p>4. Comprehend the concept and role of labelling</p> <p>5. Classify the labels</p>	<p>strategies.</p> <p>Students will be able to learn the importance of packaging and Labeling, functions, types and its importance.</p>
ENGINEERING GRAPHICS			<p>CLASS STARTS ON 13-03-24</p> <p>Isometric Projection</p> <p>:Introduction of Isometric projection, Explanation of construction</p>	<p>Isometric Projection :</p> <p>Single solids with axis perpendicular to HP</p>	<p>Isometric projection :</p> <p>single solids with axis parallel to both HP and VP</p>	<p>Understand the construction of title block with projection symbol, construction of isometric scale and single solids (All types of prisms)</p>

			of title block, Isometric projection of prisms, constructio n of isometric scale			
PSYCHOLOGY			1. Introduction, Syllabus and Chapter Overview 2. Individual Differences in Human Functioning 3. Assessment of Psychologic al Attributes 4. Intelligence	Theories of Intelligence: Psychometric Theories of Intelligence, Information Processing Theories,	Theory of Multiple Intelligences, Triarchic Theory of Intelligence, Planning, Attention-Arous al and Simultaneous Successive Model of Intelligence	# To Understand the Attributes that make people differ from one another #To learn about various Assessment methods #To be able to distinguish between theories of Intelligence #To appreciate the concept of Multiple Intelligences # To demonstrate working Of PASS model
PHYSICAL EDUCATION			Unit-1 Management of Sporting Events Functions of Sports Events Management	Fixtures and their Procedures – KnockOut (Bye & Seeding) &	Intramural & Extramural tournaments – Meaning, Objectives & Its Significance.	To make the students understand the need and meaning of planning in sports, committees, and their responsibilities for conducting the sports event or tournament. To

			(Planning, Organising, Staffing, Directing & Controlling) Various Committees & their Responsibilities (pre; during & post)	League (Staircase, Cyclic, Tabular method) and Combination tournaments .	Community sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause & Run for Unity)	teach them about the different types of tournaments and the detailed procedure of drawing fixtures for Knock Out, League Tournaments, and Combination tournaments To make the students understand the need for the meaning and significance of intramural and extramural tournaments To teach them about the different types of community sports and their importance in our society.
SOCIOLOGY				Familiarizing students with the topics in the syllabus and overview of project theme, structure of each unit etc	Book 1-Unit 2: Demographic structure of Indian society DEMOGRAPHIC STRUCTURE OF INDIAN SOCIETY - THEORIES AND CONCEPTS IN DEMOGRAPHY - SIZE AND GROWTH OF	Students will be able to: -understand the demographic structure of India -learn about related concepts, theories and indicators -read analyze graphs and make sense of them -understand the themes explored in the sub units -successfully answer OTQ's and STQ's on the topic -engage students in activities related to the textbooks: population policy etc.

					INDIA'S POPULATION - AGE STRUCTURE OF THE INDIAN POPULATION - DECLINING SEX RATIO IN INDIA - LITERACY - RURAL URBAN DIFFERENCES - POPULATION POLICY IN INDIA	
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ISWK SHARING KNOWLEDGE
(Monthly Plan - April 2024)

class XII

Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
English	THE LAST LESSON	NOTICE WRITING INVITATION - FORMAL	THIRD LEVEL	KEEPING QUIET LETTER TO EDITOR	TIGER KING	STUDENTS ARE ABLE TO WRITE NOTICE AND INVITATIONS USING THE RIGHT FORMAT , LAYOUT AND LANGUAGE STRUCTURE. THEY ARE ABLE TO ANSWER LOCAL, GLOBAL AND COMPETENCY BASED QUESTIONS BASED ON THE LITERATURE TEXTS.
Mathematics	Relations , domain and range. One-to-one ,onto and invertible functions	Trigonometric functions.Principal value branch, formula/identities related to inverse trigonometry. To apply the concepts in proving/solving problems.	Identify domain and range of ITF based on one to one and onto functions Apply the concepts in proving/solving related problems.	Continuity, Differentiability. Limits and continuity. Determine the continuity of functions, identify points of non-differentiability of functions.		Recalls and recognizes concepts of relations , domain and range. Understands one to one ,onto and invertible functions Identifies principal value branch, formula /identities related on inverse trigonometry.

						Understands continuity, Differentiability, Determines the continuity of functions, identifies points of Non-differentiability of functions.
Physics	<p>CHAPTER-2 – Electrostatic potential and capacitance. Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, Conductors and</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</p>	<p>CHAPTER-3- Current Electricity, Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, electrical resistance, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity.</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. Exercises and worksheet</p>	<p>CHAPTER 4 – Moving charges and magnetism, Concept of magnetic field, Oersted's experiment. Biot-Savart law.</p>	<p>Student will be able to relate the Electrical potential with electric field. Student will be able to understand the working of charge storing device i.e, capacitor.</p> <p>Students are able to understand the concept of Potential difference and current and also the process of finding the unknown current in a loop using KVL and KCL. Students will be able</p>

	<p>insulators, free charges and bound charges inside a conductor. electrical potential energy of a system of two point charges and of electric dipole in an electrostatic field.</p>	<p>capacitor(no derivation.Only formulae.). Worksheet and exercises.</p>	<p>Carbon resistors, colour code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance.</p>			<p>to understand the practical application of resistors and cells and it different combination in real life.</p>
<p>Chemistry</p>	<p>Uses and environmental effects of - dichloromethane, Trichloromethane, tetrachloroethane, iodoform, freons, DDT contd/- Unit VII: Alcohols, Phenols and</p>	<p>Identification of primary, secondary and tertiary alcohols, mechanism of dehydration. Phenols: Nomenclature, methods of preparation.</p>	<p>Physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols. Ethers: Nomenclature, methods of preparation,</p>	<p>Unit VIII: Aldehydes, Ketones and Carboxylic Acids. Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and</p>	<p>Mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses.</p>	<p>The student gets the awareness of the uses and environmental effects of some important haloalkanes and haloarenes. -recall the IUPAC naming of alcohols, phenols and ethers -compare the bond lengths and bond angles amongst</p>

	<p>Ethers. Alcohols: Nomenclature, methods of preparation, Identification of primary, secondary and tertiary alcohols, mechanism of dehydration. Physical and chemical properties .</p>		<p>physical and chemical properties, uses.</p>	<p>chemical properties.</p>		<p>alcohols, phenols and ethers -understands method of preparation of phenols from chlorobenzene, benzene and cumene.</p> <p>-compares the reactivity of primary, secondary and tertiary alcohols towards dehydration - recapitulate the acidity amongst mono-substituted alcohols and phenols - understands the esterification reactions for conversion of alcohols and phenols into esters. - recall the IUPAC naming aldehydes, ketones and carboxylic acids - understands the planar structure at the carbonyl and carboxyl carbon due to sp² hybridisation. -understands the nucleophilic addition reactions. - appreciates the need of acidic or basic</p>
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						<p>medium for the nucleophilic addition reaction</p> <ul style="list-style-type: none"> - applies the nucleophilic addition reaction on the reaction of simple aldehyde and ketones with HCN, NaHSO₃, Grignard reagents, alcohols etc.
Biology	<p>Human Reproduction Male & Female Reproductive System</p>	<p>Gametogenesis Spermatogenesis & Oogenesis</p>	<p>Menstrual Cycle, Fertilisation & implantation</p>	<p>Pregnancy, Embryonic development parturition & lactation</p>	<p>Seminar on Reproductive Health</p>	<ul style="list-style-type: none"> · Understand the development of embryo · Understand the formation and function of the placenta · Understand the major features of the embryonic development <p>Understand Parturition and Lactation as a complex neuroendocrine mechanism. To understand different methods of</p>

						<p>birth control.</p> <ul style="list-style-type: none"> · To identify the different sexually transmitted diseases and the methods to prevent it. <p>To understand the different methods used to help infertile couples.</p>
Informatics Practices	<p>Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration;</p>	<p>Data Frames: Attributes of a dataframe,</p>	<p>Sorting a dataframe, Selecting and accessing , modifying records from dataframe</p>	<p>Adding / modifying a row in a dataframe, Selecting a column from a dataframe, Deleting a column from a dataframe,</p>	<p>Various dataframe operations</p>	<p>Understands the basic concepts of python programming Knows uses of various programming syntax Identifies type of programming paradigm</p> <p>Creating a dataframe and</p> <ol style="list-style-type: none"> 1. Sort the values 2. Updating records <p>Creating a dataframe and</p> <ol style="list-style-type: none"> 1. update the records 2. Deleting a row 3. Deleting a column

Computer Science	Creating user defined function, arguments and parameters, default parameters, positional parameters, key word arguments, variable length arguments	Function returning value(s), flow of execution, scope of a variable (global scope, local scope)	Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths	Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file,	Text File various operations	<p>Students will be able to write programs on their own:</p> <ol style="list-style-type: none"> 1. With different modules 2. Menu driven programs 3. Calling functions and called functions <p>Since the concept of data file handling is made clear to them, they will be able to create a new file, Write data in to the file. Add more data into it, search and display the details from the file</p>
ACCOUNTANCY	Admission of a partner- The effect of change in profit sharing ratio on admission of a new partner. Treatment of goodwill	Revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits and losses. Partners capital A/c and Balance sheet.	Adjustment of capital	Retirement & death of a partner- Revaluation of assets/liabilities, reserves, goodwill	Preparation of partners capital A/c and Balance sheet.	Understanding of the effect of change in profit sharing ratio on admission of a new partner. Treatment of goodwill and passing entries. Revaluation of assets and reassessment of liabilities, treatment of reserves, accumulated profits

						<p>and losses. Preparation of Revaluation A/c and entries. Develop the skill to make the necessary adjustments and prepare capital A/c and Balance Sheet.</p> <p>Understanding of the effect of retirement/death of a partner on change in profit sharing ratio. Knowledge of accounting treatment of goodwill and revaluation of assets and reassessment of liabilities. Develop the skill to prepare a revaluation account, partners capital A/c and Balance sheet.</p>
BUSINESS STUDIES	Business Environment- concept and importance	Dimensions of Business Environment - Economic, Social, Technological, Political and Legal	Planning: Concept, importance and limitation Planning process	Single use and Standing Plans. Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme	Organising Process Structure of organisation- functional and divisional concept	Familiarize with the concept of Business environment and its features - Highlight the importance of Business Evaluate the

		Demonetization - concept and features		Organising: Concept and importance		dimensions of Business Environment - Discuss the concept and features of Demonetization Discuss the concept of Planning Highlight the features of Planning Outline the importance of Planning and limitations Illustrate the process of planning Highlight the types of plan Discuss the concept of Organizing and its process - Illicit the importance of Organizing Illicit the advantages and disadvantages of Functional Structure - Highlight the advantages and disadvantages of Divisional Structure - Features of Formal Organization
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ECONOMICS	<p>Indian economy on the eve of Independence: (Conti....) Demographic Profile, Occupational Structure, Infrastructure and Conclusion</p>	<p>Indian economy (1950-1990): Types of Economic System, Planning - Goals Development in Agriculture, Industry, Trade</p>	<p>National Income and Related Aggregates: Basic Concepts- Methods of Measuring National income:</p>	<p>National Income and Related Aggregates: (Conti....) Product method Income Method Precautions and Numericals</p>	<p>National Income and Related Aggregates: (Conti....) GDP and Welfare Numericals and Precautions</p>	<p>Learns how the condition of Indian economy improved Students will be able to understand how to measure the national income through various methods and Precautions taken in measuring National income Understands its not only Money other things play an imp role in welfare of the people</p>
ENTREPRENEURSHIP	<p>Chapter 2: Entrepreneurial Planning</p> <ul style="list-style-type: none"> - Forms of business organization - Sole Proprietors hip - Features 	<p>Joint Stock Company - Characteristics of a Company Why private company is more desirable</p> <p>Business Plan</p> <ul style="list-style-type: none"> - Importance of the business plan - Format 	<ul style="list-style-type: none"> - Operational plan - Organizational plan - Financial plan - Components of financial plan <p>Manpower planning</p> <ul style="list-style-type: none"> - Marketing plan 	<ul style="list-style-type: none"> - Assessment of risk - Appendix <p>Writing Notes</p>	<p>Chp 3: Enterprise Marketing</p> <ul style="list-style-type: none"> - Goals of Business; Goal Setting; SMART Goals - Marketing Strategy - Product Mix, Tagline, Logo - Branding - Packaging and Labelling 	<ul style="list-style-type: none"> - Highlight the concept of sole proprietorship - Outline the characteristics of Partnership - Reiterate the consequences for non registration - Discuss the drafting of the deed - Explain the registration procedure


	<ul style="list-style-type: none"> - Legal formalities in Sole proprietorship Partnership - Concept, characteristics - Consequences for non-registration of a partnership firm - Drafting of partnership deed - Registration procedure 	<ul style="list-style-type: none"> - Introduction to Components - Introductory profile /general introduction - Description of venture/business venture - Production Plan - situations 	<ul style="list-style-type: none"> - Steps in preparing the marketing plan 		<p>Price Mix - Types</p>	<ul style="list-style-type: none"> - Highlight the characteristics of a company - Discuss the desirability meter of private companies - Discuss the importance of a business plan - Outline the format - Introduce the components
MARKETING	Communication Skills	1. Evaluate the importance of pricing	1. Comprehend the major pricing methods	Self Management Skills	1. Explain meaning and	Communication Skills - Students will be introduced to communication

	<p>1. Importance of active listening at workplace 2. Steps to active listening</p>	<p>2. Analyze the factors affecting pricing 3. 1. Types of pricing (A) Demand based pricing - Types - Merits - Demerits (B) Cost Oriented Pricing - Types</p>	<p>- Competitive Pricing - Penetration Pricing - One Price versus Variable Pricing - Market Skimming Pricing - Discrimination or Dual Pricing - Premium Pricing - Leader Pricing - Psychological Pricing - Price Lining - Resale Price Maintenance - Everyday low pricing - Team pricing 2. Writing Notes</p>	<p>1. Describe the various factors influencing self motivation 2. Describe the basic personality traits, types and disorders</p>	<p>importance of place 2. Comprehend the functions performed by channels of distribution 3. Classify the types of distribution channels</p>	<p>skills as an employability skill. Active listening at the workplace.</p> <p>Price Decision -</p> <p>Students will be able to Understand the concept of price and its importance.</p> <p>Factors affecting pricing. Types of Pricing.</p>
ENGINEERING GRAPHICS	<p>Isometric projection of single solids : Isometric projection of pyramids-</p>	<p>Isometric projection of single solids: Isometric projection of inverted pyramids</p>	<p>Isometric projection of single solids: Isometric projection of cylinder and cone</p>	<p>Isometric projection of sphere and hemisphere</p>	<p>Isometric projection of combination of solids : Combination of solids in both vertical positions</p>	<p>Understands how to construct the combination of solids with respect to the position of HP and VP.</p>

	Upright pyramids					
PSYCHOLOGY	Individual Differences in Intelligence Culture and Intelligence Emotional Intelligence	9. Special Abilities: Aptitude: Nature and Measurement 10.Creativity	Introduce chp 2. Lesson Overview			# To learn how psychologists assess intelligence to identify mentally challenged and gifted individuals # To relate to the cultural differences in understanding Intelligence #To understand and implement Emotional Intelligence as an essential competency
PHYSICAL EDUCATION	Unit-2 Children & Women in Sports Exercise guidelines of WHO for different age groups. Common	postural deformities-knock knees, flat foot, round shoulders, Lordosis, Kyphosis, Scoliosis, and bow legs and their respective corrective measures.	Women's participation in Sports – Physical, Psychological, and social benefits.	Special consideration (menarche and menstrual dysfunction)	Female athlete triad (osteoporosis, amenorrhea, eating disorders.	To make students understand the exercise guidelines of WHO for different age groups • To make students aware of the common postural deformities To make students aware of women's sports participation in India and about the special conditions of women. To make students understand menarche and menstrual

						dysfunction among women athletes.
SOCIOLOGY	<p>Book 1-Unit 3: Social Institutions- Continuity & Change</p> <ul style="list-style-type: none"> - CASTE AND THE CASTE SYSTEM - CASTE AND THE CASTE SYSTEM - TRIBAL COMMUNITIES - FAMILY AND KINSHIP 	<p>Book 1-Unit 3: Social Institutions- Continuity & Change</p> <ul style="list-style-type: none"> - CASTE AND THE CASTE SYSTEM - TRIBAL COMMUNITIES - FAMILY AND KINSHIP 	<p>Book 1- Unit 5: Patterns of Social Inequality & Inclusion</p> <ul style="list-style-type: none"> - WHAT IS SOCIAL ABOUT SOCIAL INEQUALITY? - CASTE & TRIBE~ SYSTEMS JUSTIFYING AND PERPETUATING INEQUALITY - UNTOUCHABILITY - STATE AND NON-STATE INITIATIVES ADDRESSING CASTE AND TRIBE DISCRIMINATION 	<p>Book 1- Unit 5: Patterns of Social Inequality & Inclusion</p> <ul style="list-style-type: none"> - WHAT IS SOCIAL ABOUT SOCIAL INEQUALITY? - CASTE & TRIBE~ SYSTEMS JUSTIFYING AND PERPETUATING INEQUALITY - UNTOUCHABILITY - STATE AND NON-STATE INITIATIVES ADDRESSING CASTE AND TRIBE DISCRIMINATION - OTHER BACKWARD CASTE - ADIVASI STRUGGLES - STRUGGLE FOR WOMEN'S 	<p>Book 1- Unit 5: Patterns of Social Inequality & Inclusion</p> <ul style="list-style-type: none"> - WHAT IS SOCIAL ABOUT SOCIAL INEQUALITY? - CASTE & TRIBE~ SYSTEMS JUSTIFYING AND PERPETUATING INEQUALITY - UNTOUCHABILITY - STATE AND NON-STATE INITIATIVES ADDRESSING CASTE AND TRIBE DISCRIMINATION - OTHER BACKWARD CASTE - ADIVASI STRUGGLES 	<p>Students will be able to:</p> <ul style="list-style-type: none"> -understand the role and functions of social institutions -analyze family, caste and tribe in details as social institutions -learn about the contributions of social reformers -engage students in activities related to the textbooks: meghalaya succession Act etc -understand the concept of social inequality & inclusion -analyze stratifications systems -caste and tribe -learn about social exclusion of tribes, castes, women's equality, disabled -successfully answer OTQ's and STQ's on the topic -engage students in activities related to

			<ul style="list-style-type: none"> - OTHER BACKWARD CASTE - ADIVASI STRUGGLES - STRUGGLE FOR WOMEN'S EQUALITY AND RIGHTS - STRUGGLES OF THE DIFFERENTLY ABLED 	EQUALITY AND RIGHTS <ul style="list-style-type: none"> - STRUGGLES OF THE DIFFERENTLY ABLED 	<ul style="list-style-type: none"> - STRUGGLE FOR WOMEN'S EQUALITY AND RIGHTS - STRUGGLES OF THE DIFFERENTLY ABLED 	the textbooks: tribal movements -do a film review on a movie based on one of these forms of social exclusion
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	<h2 style="margin: 0;">Indian School Wadi Kabir</h2> <p style="margin: 0;">ISWK SHARING KNOWLEDGE (Monthly Plan - May 2024) class XII</p>					
	Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5
English	DEEP WATER	RATTRAP LETTER TO THE EDITOR	THE ENEMY	THE ENEMY- CNTD INFORMAL INVITATION	A THING OF BEAUTY ARTICLE WRITING	STUDENTS ARE ABLE TO WRITE FORMAL LETTERS AND

						ARTICLES USING THE RIGHT FORMAT , LAYOUT AND LANGUAGE STRUCTURE. THEY ARE ABLE TO ANSWER LOCAL, GLOBAL AND COMPETENCY BASED QUESTIONS BASED ON THE LITERATURE TEXTS.
Mathematics	Understand derivatives of exponential and logarithmic functions, derivatives of functions in parametric form.	Second order derivatives, Apply and select various methods to differentiate real valued functions	Rate of change of dependent variable due to change in independent variable, increasing and decreasing functions,	Apply the application of derivative concepts in situational problems Unit Test		Understands derivatives of exponential, logarithmic and parametric forms. Second order derivatives, Applies and select various methods to differentiate real valued functions. Recalls rate of change of dependent variable due to change in independent

						variable, increasing and decreasing functions,
Physics	<p>Application of biot-savart law. to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight and toroidal solenoids(qualitative treatment only). Force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying conductor in a uniform magnetic field.</p>	<p>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. Exercises and worksheet.</p>	<p>CHAPTER-5- Magnetism and matter. Bar magnet, bar magnet as an equivalent solenoid(qualitative treatment only) Magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis(qualitative treatment only). Torque on a magnetic dipole (bar magnet) in a uniform magnetic field(qualitative treatment only); magnetic field lines.</p>	<p>Earth's magnetic field and magnetic elements. Para-, dia- and ferro - magnetic substances, with examples. Electromagnets and factors affecting their strengths. Permanent magnets.</p>		<p>Student will learn about the relation between electricity and Magnetism and different methods to find the Magnetic field due to different types of conductor. Student will learn about the force between two parallel conductors and its mathematical analysis depending upon the directions of current. Student will learn about the conversion of galvanometer into ammeter and voltmeter.</p>

<p>Chemistry</p>	<p>Unit VIII: Aldehydes, Ketones and Carboxylic Acids. Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.</p>	<p>Unit IX: Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines.</p>	<p>Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.</p>	<p>Unit X: Biomolecules . Carbohydrate s - Classification (aldoses and ketoses), monosacchari des (glucose and fructose), D-L configuration oligosacchari des (sucrose, lactose, maltose). polysaccharid es (starch, cellulose, glycogen); Importance of carbohydrate s.</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.</p>	<p>The student recalls the structure of carboxylic acid and derivatives. -appreciates the resonance in carboxylic acid and derivatives. -understands the hydrolysis of nitriles, amides and esters. -recalls the IUPAC naming of amines - understands the methods of preparation of amines by reduction of nitro compounds, nitriles and amides - applies Hofmann degradation reaction to convert higher amides into lower primary amines. -writes the IUPAC names of simple diazonium salts -recognizes diazotization as the method for preparation of diazonium salts - classifies the carbohydrates on</p>
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						<p>the basis of their structure (hydrolysis behaviour), functional group (aldoses and ketoses) and reducing properties.</p> <ul style="list-style-type: none">-attains the elementary idea about other carbohydrates : monosaccharide (fructose), disaccharides (sucrose, lactose, maltose) and polysaccharides (starch and cellulose).-interprets the straight chain as well as cyclic structure of D-glucose and relate it with D-glyceraldehyde.-classifies amino acids as essential and nonessential aminacid-understands the zwitter-ionic structure of amino acids
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<p>Biology</p>	<p>-Principles of inheritance and variations Mendel's laws of inheritance Inheritance of one & two genes</p>	<p>Sex Determination Mutations Genetic Disorders</p>	<p>Molecular basis of inheritance Structure of DNA The search for Genetic material</p>	<p>RNA world Replication</p>	<p>Transcription Genetic Code Translation</p>	<ul style="list-style-type: none"> · To recall the terms, inheritance of one and two genes and test cross. · To analyze the importance of test cross. <p>Understand the three types of Dominance with examples To understand the concept of Linkage and recombination To understand sex determination by chromosomal difference in humans ,Drosophila ,birds.</p> <ul style="list-style-type: none"> · To understand the rules and the importance of pedigree analysis. · To understand the process involved in it.
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					<ul style="list-style-type: none">· To draw and represent some Mendelian disorders on the pedigree chart.· To analyze some pedigree charts for autosomal & sex disorders. <p>To understand some Mendelian disorders and chromosomal disorders.</p> <ul style="list-style-type: none">· To understand the detail structure of DNA· To analyze the difference between DNA & RNA. <p>Understand the packaging of DNA in pro & eukaryotes</p> <ul style="list-style-type: none">· Understand the transforming principle experiment & the
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						<p>biochemical characterization of the principle.</p> <ul style="list-style-type: none"> · To understand how the experiments conducted by Martha & Chase proved DNA is the genetic material. <p>To analyze why DNA is a better genetic material.</p> <p>To understand the relationship between mutations and genetic code.</p> <p>*To understand the structure of tRNA.</p>
Informatics Practices	<p>binary operations, iteritems(), missing data and filling values</p>	<p>Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels,</p>	<p>Boolean Indexing; Joining, Merging and Concatenation.</p>	<p>Importing/Exporting Data between CSV files and Data Frames</p>	<p>Various operations on DataFrame</p>	<p>To comprehend the concept of binary operations on dataframe, filling null values etc</p> <p>To comprehend the ideas of</p> <ol style="list-style-type: none"> 1. adding , deleting a column

						<p>2. renaming a column Students will learn about how to perform various operations on data frame which includes:</p> <ol style="list-style-type: none"> 1. Importing data from CSV to dataframe 2. Exporting data from dataframe to CSV
Computer Science	<p>Text file opening using with clause, writing/append ing data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods</p>	<p>Manipulation of data in a text file, Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+)</p>	<p>close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file</p>	<p>CSV file: import csv module, open / close csv file, write into a csv file using csv.writer() and read from a csv file using csv.reader()</p>	<p>Data Structure: Stack, operations on stack (push & pop),</p>	<p>The concept of data files will be clear to the students , they will be capable of doing following things:</p> <ul style="list-style-type: none"> * Create a file *copy it line by line. * To copy records to another file * Do modifications in file using the string functions * Updating data in binary files <p>perform Read and Write operations into a CSV file</p>

						using csv.reader() and csv.writer()
ACCOUNTANCY	Adjustment of capital. Partner's Loan A/c.	Death of a partner- profit, reserves, revaluation. Deceased partner's capital A/c.	Deceased Partner's capital A/c, Executor's A/c. (till paid off)	Dissolution of partnership firm- Entries for realisation of assets, settlement of liabilities, realisation expenses.	Realization account, Partner's loan A/c, capital accounts of partners and cash or bank a/c.	Develop the skill of calculation of deceased partner's share till the time of his death. Prepare Deceased partner's capital and executor's account. Knowledge and understanding of dissolution of partnership and partnership firm, types of dissolution of a firm. Understand the situations under which a partnership firm can be dissolved. Able to pass entries for realisation of assets, settlement of liabilities, realisation expenses. Develop the understanding of preparation of

						realisation account and other related accounts.
BUSINESS STUDIES	Formal and informal organization - concept	Delegation: concept, elements and importance Decentralization: concept and importance	Staffing: Concept and importance of staffing Staffing as a part of Human Resource Management concept	Staffing process Recruitment process Selection process	Training and Development - Concept and importance, Methods of training - on the job and off the job - vestibule training, apprenticeship training and internship training	Highlight the advantages and disadvantages of Formal Organization Outline the features, advantages and disadvantages of informal Organization Discuss the concept of Delegation and Decentralization and its importance Introduce the sources of recruitment and their merits and demerits Outline the process of selection Explain the concept of Education development and Training. State the importance of training and types of training

ECONOMICS	Economic Reforms since-1991: Need for economic reforms, its features Liberalisation	Economic Reforms since-1991: (Conti...) Globalisation Meaning and Objective	Economic Reforms since-1991: (Conti...) Outsourcing, WTO Privatisation- An appraisal of LPG Policies.	Human Capital Formation Meaning , Role of HCF in Eco dev	HCF-(Conti) Problems of HCF. Measures taken by the govt to promote the development of HCF	
ENTREPRENEURS HIP	Place Mix - channels and Factors Promotion Strategies	Writing Notes	Writing Notes	Chapter 4: ENTERPRISE GROWTH STRATEGIES Growth and development concept - Franchising: Concept and types - Franchising: Advantages and limitations to franchisor and franchisee. Mergers and Acquisition: Concept,		

				reasons and types.		
MARKETING	<p>Place and Distribution</p> <p>4. Understand the marketing intermediaries involved in distribution channels</p> <p>1. Elucidate the functions performed by the intermediaries</p> <p>(A) Wholesaler</p> <ul style="list-style-type: none"> - Functions <p>(B) Retailer</p> <ul style="list-style-type: none"> - Functions <p>2. Differentiate between the wholesaler and retailer</p>	<p>3. Identify and comprehend the Factors Affecting the Selection of the Channel of Distribution</p> <ul style="list-style-type: none"> - Factors pertaining to the product - Factors Pertaining to the Consumer or Market - Factors Pertaining to the Middlemen - Factors Pertaining to the Producer or Company - Other Factors <p>5. Writing Notes</p>	<p>3. Identify and comprehend the Factors Affecting the Selection of the Channel of Distribution</p> <ul style="list-style-type: none"> - Factors pertaining to the product - Factors Pertaining to the Consumer or Market - Factors Pertaining to the Middlemen - Factors Pertaining to the Producer or Company - Other Factors <p>5. Writing Notes</p>	<p>ICT SKILLS</p> <p>1. Perform tabulation using spreadsheet application</p> <p>2. Prepare presentation using presentation application</p>	<p>1. Explain the meaning and importance of Promotion</p> <p>2. Comprehend the elements of promotion mix</p> <p>(A) Advertising</p> <ul style="list-style-type: none"> - Meaning - Modes of Advertising <p>I. Print Media</p> <p>a. Newspaper</p> <ul style="list-style-type: none"> - Merits - Demerits 	<p>Students will be able to understand the concept of place and distribution.</p> <p>Identify and comprehend the Factors Affecting the Selection of the Channel of Distribution</p> <ul style="list-style-type: none"> - Factors pertaining to the product - Factors Pertaining to the Consumer or Market - Factors Pertaining to the Middlemen - Factors Pertaining to the Producer or Company - Other Factors <p>ICT SKILLS</p> <p>Students will be able to</p>

						1. Perform tabulation using spreadsheet application 2. Prepare presentation using presentation application
ENGINEERING GRAPHICS	Isometric projection of combination of solids : Combination of solids in horizontal positions	Unit 2 : Machine Drawing - Introduction and screw threads and its definitions.	Types of screw threads: BSW thread, Metric thread internal and Metric thread external	Types of screw threads : Knuckle thread and square thread	Types of bolts : Hexagonal bolt and square bolt UNIT TEST STARTS ON 26.05.24	Understand the new concept of machine drawing and its main definitions and how to draw different types of screw threads using dimensions.
PSYCHOLOGY	Culture and Self Concept of Personality Cultural Approach	Major Approaches to the Study of Personality Type Approaches	Trait Approaches Psychodynamic Approach and Post Freudian Approaches	8. Assessment of Personality Self-report Measures	Recap of main topics	Students will be able to appreciate various definitions and approaches to Personality. Students can compare and Contrast various theories based on Personality

	Humanistic Approach		Behavioural Approach UNIT TEST	Projective Techniques Behavioural Analysis		* Students can evaluate multiple methods of Personality assessment.
PHYSICAL EDUCATION	Unit-3 Yoga Yoga as Preventive measure for Lifestyle Disease 1. 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, Paschimottansana, Ardha - Mastendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati.	Asthma: Procedure, Benefits & Contraindications for Tadasana, Urdhwahastottansana, UttanMandukasana, Bhujangasana etc,	Hypertension : Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Uttanpadasana, Ardha Halasana, Sarala Matyasana, Gomukhasana, UttanMandukasana, Vakrasana, Bhujangasana, Makarasana, Shavasana, Nadi	Back Pain and Arthritis: Procedure, Benefits & Contraindications of Tadasana, Urdhwahastottansana, ArdhaChakrasana, Ushtrasana, Vakrasana, Sarala Maysyendrasana, Bhujandgasana, Gomukhasana, Bhadrasana, Makarasana, NadiShodhana pranayama.	To make students Understand about the main life style disease - Obesity, Hypertension, Diabetes, Back Pain and Asthma. To teach about different Asanas in detail which can help as a preventive Measures for those Lifestyle Diseases. To make students Understand about the main life style disease - Obesity, Hypertension, Diabetes, Back Pain and Asthma. To teach about different Asanas in detail which can help as a preventive Measures for those Lifestyle Diseases.

				shodhanaprayam, Sitlipranayam		
SOCIOLOGY	Complete any left over topics from Unit 3/5	Book 2- Unit 8: Social Movements (Part 1) - INTRODUCTION - FEATURES OF SOCIAL MOVEMENT - DISTINGUISHING SOCIAL CHANGE & SOCIAL MOVEMENT - TYPES OF SOCIAL CHANGE: REFORMIST, REDEMPTIVE AND REVOLUTIONARY - OLD & NEW SOCIAL MOVEMENTS	Book 2- Unit 8: Social Movements (Part 1) - INTRODUCTION - FEATURES OF SOCIAL MOVEMENT - DISTINGUISHING SOCIAL CHANGE & SOCIAL MOVEMENT - TYPES OF SOCIAL CHANGE: REFORMIST, REDEMPTIVE AND REVOLUTIONARY - OLD & NEW SOCIAL MOVEMENTS	Project Details- Discussion and topics along with methodology and introduction	Revision for Unit Test 1	Students will be able to: - understand the features of social movements - closely look at sociology & social movements- theories, types - learn about the ecological, class based, caste based, tribal, women's movements - successfully answer OTQ's and STQ's on the topic - engage students in activities related to the textbooks: dalit poems etc. - understand the themes explored in the sub units like backward caste movements

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Indian School Wadi Kabir

ISWK SHARING KNOWLEDGE
(Monthly Plan - June 2024)

class XII

Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
English	INVITATION AND REPLIES LETTER TO EDITOR	JOB REPORT WRITING				STUDENTS ARE ABLE TO COMPOSE ORIGINAL INVITATIONS, LETTERS AND REPORTS USING APPROPRIATE LAYOUT AND LANGUAGE.
Mathematics	Maxima and minima Application of derivatives in real life situations.	Integration as an inverse process of differentiation, Partial fractions, By-Parts.				Children understand Integration as an inverse process of differentiation, Integration of special functions,

						Method of Partial fractions, By-Parts.
Physics	Chapter-6- Electromagnetic induction; Faraday's laws,	induced emf and current; Lenz's Law. Self and mutual induction.				Students will learn about the different method to induce an emf in a given conductor which is useful to understand the concept of Mutual and self induction.
Chemistry	Unit X: Biomolecules. Enzymes. Hormones .	Vitamins - Classification and functions. Nucleic Acids: DNA and RNA.				The student understands the loss of biological activity of proteins with denaturation -appreciates specificity of enzymes towards a particular substrate. - get the awareness about the diseases caused by deficiency of vitamins -appreciate the role of nucleic acids as carriers of genetic information. -understands the structural features

						of DNA and RNA
Biology	Human Genome Project DNA Fingerprinting	Evolution: Origin of life, Evidence & Adaptive radiation Mechanism of Evolution & Hardy-Weinberg Principle, Origin & Evolution of man				<p>* To understand the principles of the Human Genome Project & its salient features. To differentiate between convergent & divergent evolution with examples</p> <ul style="list-style-type: none"> · Understand the process of Adaptive radiation with examples. · To understand the Hardy-Weinberg principle to understand the Mechanism of evolution <p>To understand the phenomenon of Founder effect</p> <p>Describe human</p>

						<p>evolution and Hardy – Weinberg equilibrium</p> <p>Compare adaptive radiation and convergent evolution</p>
Informatics Practices	Importing/Exporting Data between CSV files and Data Frames	Updating content in a CSV file, Writing a CSV file with default index.				Students will learn about how to update a CSV file and add records in default index
Computer Science	Implementation of stack using list.	Introduction to MySQL and Python Connectivity for project				Students will implementation of stack using a real time example.
ACCOUNTANCY	Accounting for companies- Issue of share.	Project				Understand the meaning of share and share capital and differentiate between equity shares and preference shares and different types of share capital.


BUSINESS STUDIES	Directing: Concept and importance	Project discussion				Explain the concept of Directing and its importance
ECONOMICS	HCF-(Conti) Problems of HCF. Measures taken by the govt to promote the development of HCF	Project Discussion				Learns how the govt measures are taken to promote HCF
ENTREPRENEURSHIP	Mergers and Acquisition: Concept, reasons and types. Reasons for mergers and acquisitions	REVISION PROJECT DISCUSSION	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Appreciate growth of business through mergers and acquisitions - Discuss the different types of mergers and acquisitions Outline the reasons for mergers and acquisitions
MARKETING	Modes of Advertising b. Magazines - Merits - Demerits c. Yellow page - Merits - Demerits Radio	(D) Word of Mouth (E) Direct Marketing (F) Online Marketing (G) Public Relations	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Students will learn the Modes of Advertising b. Magazines - Merits - Demerits c. Yellow page - Merits

	<p>TV Cinema Outdoor Others (B) Sales Promotion - Objectives - Types 3. Differentiate between Advertising and Sales Promotion (C) Personal Selling 4. Difference between Personal selling and Sales Promotion</p>	<p>(H) Sponsorships 5. Factors affecting Selection of Promotion Mix</p>				<p>- Demerits Radio TV Cinema Outdoor Others (B) Sales Promotion - Objectives - Types 3. Differentiate between Advertising and Sales Promotion (C) Personal Selling 4. Difference between Personal selling and Sales Promotion</p>
<p>ENGINEERING GRAPHICS</p>	<p>Types of nuts , and washer</p>	<p>Combination of nut ,bolt and washer and conventional representation of threads - SUMMER BREAK STARTS ON 11.06.24</p>	<p>SUMMER BREAK</p>			<p>Understand how to develop or assemble three parts together ,nut ,bolt and washer and the new concept free hand sketches</p>
<p>PSYCHOLOGY</p>	<p>Chp 3.Meeting Life Challenges</p>	<p>Coping with Stress</p>				<p>*Learners will be able to understand</p>

	<p>Introduction Nature, Types and Sources of Stress Effects of Stress on Psychological Functioning and Health</p> <ul style="list-style-type: none"> •Stress and Health •General Adaptation Syndrome •Stress and Immune System •Lifestyle 	<ul style="list-style-type: none"> • Stress Management Techniques <p>5. Promoting Positive Health and Well-being</p> <ul style="list-style-type: none"> •Life Skills • Positive Health <p>Psychological tests related to various psychological attributes like intelligence, aptitude, attitude, personality, etc.</p>				<p>different model explaining about Stress. *They can appreciate various methods to overcome stress</p>
PHYSICAL EDUCATION	<p>Unit-4 Physical Education and Sports for CWSN (Children with Special Needs - Divyang) Organizations promoting Disability Sports (Special Olympics; Paralympics; Deaflympics) Concept of Classification and Divisioning in Sports.in sports, Concept of Inclusion in sports, its need, and Implementation;</p>	<p>Advantages of Physical Activities for children with special needs. Strategies to make Physical Activities assessable for children with special needs.</p>	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	<p>To make students understand the concept of Disability and Disorder. To teach students about the types of disabilities & disorders, their causes, and their nature. To make them aware of Disability Etiquette. To make the students Understand the</p>

						<p>advantage of physical activity for CWSN. To make the students aware of different strategies for making physical activity accessible for Children with Special Needs.</p>
SOCIOLOGY	<p>Unit 6: Challenges to Cultural Diversity</p> <ul style="list-style-type: none"> - CULTURAL COMMUNITIES & THE NATION STATE - COMMUNITIES, NATIONS & NATION STATES - CULTURAL DIVERSITY & THE INDIAN NATION- STATE ~ AN OVERVIEW - REGIONALISM IN THE INDIAN CONTEXT - RELIGION RELATED ISSUES AND IDENTITIES - MINORITY RIGHTS & NATION BUILDING 	<p>Unit 6: Challenges to Cultural Diversity</p> <ul style="list-style-type: none"> - CULTURAL COMMUNITIES & THE NATION STATE - COMMUNITIES, NATIONS & NATION STATES - CULTURAL DIVERSITY & THE INDIAN NATION- STATE ~ AN OVERVIEW - REGIONALISM IN THE INDIAN CONTEXT 	<p>Summer break</p>	<p>Summer break</p>	<p>Summer break</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> -understand the concept of state, nation, nation-state with examples -analyze India's cultural diversity -learn about secularism, communalism, regionalism -understand the themes explored in the sub units -successfully answer OTQ's and STQ's on the topic -engage students in activities related to the textbooks:

	<ul style="list-style-type: none"> - COMMUNALISM, SECULARISM AND THE NATION -STATE - STATE AND CIVIL SOCIETY 	<ul style="list-style-type: none"> - RELIGION RELATED ISSUES AND IDENTITIES - MINORITY RIGHTS & NATION BUILDING - COMMUNALISM, SECULARISM AND THE NATION -STATE - STATE AND CIVIL SOCIETY 				nationalism etc
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	<h2 style="margin: 0;">Indian School Wadi Kabir</h2> <p style="margin: 0;">ISWK SHARING KNOWLEDGE (Monthly Plan - August 2024) class XII</p>					
	Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5
English	A THING OF BEAUTY	INDIGO	POETS AND PANCAKES	JOURNEY TO THE END OF THE EARTH	REPORT WRITING - SCHOOL MAGAZINE	STUDENTS ARE ABLE TO WRITE FORMAL REPORTS USING THE RIGHT

						<p>FORMAT , LAYOUT AND LANGUAGE STRUCTURE. THEY ARE ABLE TO ANSWER LOCAL, GLOBAL AND COMPETENCY BASED QUESTIONS BASED ON THE LITERATURE TEXTS.</p>
<p>Mathematics</p>		<p>Integration of special functions, Method of Partial fractions, By-Parts.</p>	<p>Definite Integral, Definite integral using substitution and properties To estimate the result using integration</p>	<p>Definite integral using substitution and properties</p>		<p>Children understands integration as an inverse process of differentiation, Integration of special functions, Method of Partial fractions, by-Parts. Understands definite Integral, Definite integral using substitution and properties</p>
<p>Physics</p>		<p>CH-7-ALTERNATING CURRENTS-Alternating currents, peak and rms value of alternating current/voltage; reactance and</p>	<p>CHAPTER-8-ELECTROMAGNETIC WAVES - Displacement current. Electromagnetic waves-their characteristics, their transverse nature(qualitativ</p>	<p>CHAPTER-9-Ray optics- Reflection of light, spherical mirrors, mirror formula. "Refraction of light, total</p>	<p>Refraction at spherical surfaces, lenses, thin lens formula, lens maker's formula. Magnificati</p>	<p>* Understands the concept of displacement current. * Infers about different electromagnetic waves. *Acquires knowledge about the frequencies and wavelength of</p>

		<p>impedance;Reactance and impedance; LCR series circuit(phasor only).resonance;</p>	<p>e treatment only). Electromagnetic spectrum, production properties and uses.</p>	<p>internal reflection and its applications, optical fibers,</p>	<p>on, power of a lens, combination of thin lenses in contact, combination of lenses. Refraction of light through a prism.</p>	<p>electromagnetic waves and uses and properties. *Understands the concept of reflection of light, spherical mirrors, mirror formula. Understands the Refraction of light, * Inferences about total internal reflection. * Applies the acquired knowledge in understanding the principle and working on optical fibres. * Understands the laws of reflection and refraction.</p>
Chemistry		<p>Unit I: Solutions Solid solutions, Raoult's law</p>	<p>colligative properties - relative lowering of vapour pressure, elevation of boiling point, depression of</p>	<p>Unit II: Electrochemistry: Redox reactions, EMF of a cell, standard electrode potential, Nernst equation</p>	<p>Specific and molar conductivity, variations of conductivity with concentration,</p>	<p>The students recall the terms solute, solvent, solution. - understand the concept of solubility of a solid in liquid. -identifies the four</p>

			<p>freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.</p>	<p>and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions.</p>	<p>Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell-electrolytic cells and Galvanic cells, lead accumulator, fuel cells, corrosion.</p>	<p>Colligative Properties - defines Molal Elevation Constant and derive its units -distinguishes between Electrolytic cells and Galvanic cells - differentiates between EMF and Potential Difference -represent an Electrochemical Cell and derive Nernst Equation - could define terms such as Conductance, Conductivity and Molar Conductivity -analyzes the variation of conductivity and molar conductivity with concentration for both Strong and Weak Electrolytes as well as Interpret their graphical plots</p>
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<p>Biology</p>	<p>Human Health and Disease: Common Diseases in Humans & Immunity</p>	<p>Life cycle of plasmodium AIDS & Cancer Drugs & Alcohol abuse</p>	<p>Microbes in Human welfare: Microbes in Household, Industrial Products, Microbes as Biocontrol agents & Fertilizers Sewage & Biogas production</p>	<p>Principles & Processes of Biotechnology: Processes of Recombinant DNA technology</p>	<p>Biotechnology and its applications: Application in agriculture and medicine</p>	<p>· To understand the causative organisms, symptoms, tests and treatment of some of the common – Infectious diseases</p> <p>Understand the L.C of the Plasmodium Understand and analyze the difference between Innate and Acquired Immunity, Active and Passive Immunity with examples Understand and Analyze the importance of the Immune system in the body. Understand the Causes, detection and diagnosis of AIDS and Cancer.</p>
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						<ul style="list-style-type: none">· Appreciate the importance of the Awareness of helping Drugs and Alcohol Abuse in Adolescence.To understand the process of sewage treatmentTo get knowledge of how organic farmers use Microbes as biocontrol agents.*To understand what biofertilizers are and why it is an integral part of organic farming.· Understand different tools involved in rDNA technology· To explain the mode of
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					<p>action of RE</p> <ul style="list-style-type: none">· Explain electrophoresis and PCR· Distinguish between simple and sparged bioreactors <p>Explain the process of rDNA technology.</p> <ul style="list-style-type: none">· To explain the production of insect and pest resistant plants· Explain steps in humulin production· Describe the importance of rDNA technology in molecular diagnosis· To explain gene therapy and roles of transgenic
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						organisms
Informatics Practices	Introduction – matplotlib, Installing matplotlib. Types of visualization- Basic visualization rules, basic nomenclature of a plot.	Types of visualization- Basic visualization rules, basic nomenclature of a plot. Line plot,.	bar chart, line chart and histogram	MySQL Revision on DML commands select statement, where, - between, like, in , is null etc..	DML commands	<ul style="list-style-type: none"> Students will be able to understand data analysis using data visualization techniques Recall the concepts of Database and SQL commands 1. Create Table Command 2. Select Statement Students will apply all clauses- WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL in Select Statement
Computer Science	Database concepts: introduction to database concepts and its need	Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key,	Structured Query Language: introduction, Data Definition Language and Data Manipulation	Create database, use database, show databases, drop database, show tables,	Alter table (add and remove an attribute, add and remove primary key),	Students will understand about Relational data model, domain, relation, tuple, attribute, degree,

		alternate key, foreign key)	Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key),	create table, describe table	drop table, insert , delete	cardinality, key, primary key, candidate key, alternate key and foreign keys SQL, DDL and DML commands
ACCOUNTANCY	Public subscription of shares - over subscription and under subscription of shares; issue at par and at premium, calls in advance and arrears.	Issue of shares for consideration other than cash. Accounting treatment of forfeiture and reissue of shares.	Treatment of oversubscription of shares. Journal entries for comprehensive problems.	Comprehensive problems: Issue, calls in arrear, advance, forfeiture and reissue. Disclosure of share capital in the Balance Sheet of a company.	Issue of 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.	Understanding the accounting treatment of share capital transactions regarding issue of shares. Develop the understanding of accounting treatment of forfeiture of shares and re-issue of forfeited shares. Develop the understanding and skill to pass entries, prepare cash book, Share Forfeiture A/c and presentation of share capital in the balance sheet.

						<p>the accounting Understanding the accounting treatment of different categories of transactions related to issue of debentures.</p>
BUSINESS STUDIES	<p>Elements of Directing. Motivation - concept, Maslow's hierarchy of needs,</p>	<p>Financial and non-financial incentives Leadership - concept, styles - authoritative, democratic and laissez faire</p>	<p>Communication - concept, formal and informal communication</p>	<p>barriers to effective communication, how to overcome the barriers? Controlling - Concept and importance</p>	<p>Relationship between planning and controlling Steps in process of control</p>	<p>Explain the concept of Motivation, importance and Maslow's need hierarchy theory Describe financial and non financial incentives. Types of leadership styles Explain the communication concept and formal and informal communication Discuss the barriers to communication and how to overcome barriers Explain the concept of controlling and</p>

						<p>importance</p> <p>Discuss the relation between planning and controlling</p> <p>Describe the steps in the controlling process</p>
ECONOMICS	<p>Determination of Income and Employment: AD and its Components Propensity to consume and propensity to save (average and marginal).</p>	<p>Determination of Income and Employment: (Conti....) Short-run equilibrium output; investment multiplier and its mechanism</p>	<p>Determination of Income and Employment: (Conti....) Meaning of full employment and involuntary unemployment</p>	<p>Rural Development: Key issues-Credit n Marketing. Role of Cooperatives</p>	<p>Rural Development: (Conti....) Agricultural Diversification, Alternative farming, Organic farming - Merits n Demerits</p>	<p>Learns the concepts</p> <p>Understands AD working of investment multiplier</p> <p>Learns about the concepts</p> <p>Understands the importance of organic farming</p>
ENTREPRENEURSHIP	<p>Chp 4: Enterprise Growth Strategies</p> <p>Writing Notes</p>	<p>Writing Notes</p>	<p>Chapter 6: Resource Mobilization</p> <p>Capital Market: Concept.</p> <p>- Primary market: Concept, methods of issue</p>	<p>Angel Investor: Features.</p> <p>- Venture Capital: Features, funding.</p>	<p>Funding by Venture Capital</p>	<p>Understand the need of finance in Business.</p> <p>- Understand the various sources of funds required for a firm.</p> <p>- Understand the ways of raising</p>

						<p>funds in primary market</p> <p>Discuss concept and funding by Angel Investors and VC</p> <p>Appreciate the Angel Investors and Venture Capitalists as a source of business finance.</p>
MARKETING	<p>Emerging Trends in Marketing</p> <p>1. Explain the meaning and characteristics of service</p> <p>2. Analyze the service sector in India</p> <p>3. Understand the types of services</p> <p>4. Analyze the criteria to judge the quality of service</p>	<p>1. Explain the meaning and characteristics of service</p> <p>2. Analyze the service sector in India</p>	<p>3. Understand the types of services</p> <p>4. Analyze the criteria to judge the quality of service</p> <p>5. Understand the concept of Online marketing</p>	<p>6. Analyze the advantages and disadvantages of online marketing</p> <p>7. Understand the concept of Social Media Marketing</p>	<p>8. Differentiate between the Social media platforms</p> <p>9. Writing Notes</p>	<p>Students will understand the emerging trends in marketing.</p> <p>They will be able to</p> <p>1. Explain the meaning and characteristics of service</p> <p>2. Analyze the service sector in India</p> <p>3. Understand the types of services</p> <p>4. Analyze the criteria to judge</p>

	<p>5. Understand the concept of Online marketing</p> <p>6. Analyze the advantages and disadvantages of online marketing</p>					<p>the quality of service</p> <p>5. Understand the concept of Online marketing</p> <p>6. Analyze the advantages and disadvantages of online marketing</p>
ENGINEERING GRAPHICS		Types of Rivet heads and Machine screws	Unit 3 : Bearings -Introduction to the new chapter ,concept of Assembling of bushed bearing.	Bushed bearing : Disassembly	Open bearing : Assembly	Knowledge of drawing the disassembled view from the assembled view.
PSYCHOLOGY	Anxiety Disorders Obsessive-Compulsive and Related Disorders Trauma-and Stressor-Related Disorders	Somatic Symptom and Related Disorders Dissociative Disorders Depressive Disorder	Bipolar and Related Disorders Schizophrenia Spectrum and Other Psychotic Disorders Neurodevelopmental Disorders Disruptive,Impulse-Control and Conduct Disorders	Feeding and Eating Disorders Substance Related and Addictive Disorders	Chp. 5- Introduction to the Chapter Therapeutic Approaches The topics in this unit are: 1. Nature and Process of psychotherapy Therapeutic relationship	Learners will be able to- * Differentiate between different disorders *Relate to real life examples and cases ----- ----- Chp 5- * understand how approaches to therapy differ *Recall the basic steps of Therapy

<p>PHYSICAL EDUCATION</p>	<p>Unit-5 Sports & Nutrition Concept of balanced diet and nutrition Macro and Micro Nutrients: Food sources & functions Nutritive & NonNutritive Components of Diet</p>	<p>Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths. Importance of Diet in Sports-Pre, During and Post competition Requirements</p>	<p>Unit-6 Test & Measurement in Sports Fitness Test – SAI Khelo India Fitness Test in school: Age group 5-8 years/ class 1-3: Flamingo Balance Test, Plate Tapping Test</p>	<p>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). 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. Computing Basal</p>	<p>Rikli & Jones - Senior Citizen Fitness Test(Senior Citizens) Johnsen – Methney Test of Motor Educability (Front Roll, Roll, Jumping Half-Turn, Jumping full-turn</p>	<p>To make students Understand and conduct SAI KHELO INDIA Fitness Test and to make students Understand and conduct General Motor Fitness Test. To make students to determine physical fitness Index through Harvard Step Test/Rockport Test. To make students to calculate Basal Metabolic Rate (BMR) To measure the fitness level of Senior Citizens through Rikli and Jones Senior Citizen Fitness Test. To measure the fitness level through Johnsen – Methney Test of Motor Educability (Front Roll, Roll, Jumping</p>

				Metabolic Rate (BMR)		Half-Turn, Jumping full-turn
SOCIOLOGY	<p>Unit 6: Challenges to Cultural Diversity</p> <ul style="list-style-type: none"> - CULTURAL COMMUNITIES & THE NATION STATE - COMMUNITIES, NATIONS & NATION STATES - CULTURAL DIVERSITY & THE INDIAN NATION- STATE ~ AN OVERVIEW - REGIONALISM IN THE INDIAN CONTEXT - RELIGION RELATED ISSUES AND IDENTITIES 	<p>Unit 8: Structural Change (Book 2)</p> <ul style="list-style-type: none"> - UNDERSTANDING COLONIALISM - URBANIZATION AND INDUSTRIALIZATION - INDUSTRIALIZATION IN INDEPENDENT INDIA - URBANIZATION IN INDEPENDENT INDIA 	<p>Unit 8: Structural Change (Book 2)</p> <ul style="list-style-type: none"> - UNDERSTANDING COLONIALISM - URBANIZATION AND INDUSTRIALIZATION - INDUSTRIALIZATION IN INDEPENDENT INDIA - URBANIZATION IN INDEPENDENT INDIA 	<p>Unit 9: Cultural Change (Book 2)</p> <ul style="list-style-type: none"> - SOCIAL REFORM MOVEMENTS IN 19TH AND EARLY 20TH CENTURY - SANSKRITIZATION, MODERNIZATION, SECULARIZATION & WESTERNIZATION - DIFFERENT KINDS OF SOCIAL CHANGE 	<p>Unit 9: Cultural Change (Book 2)</p> <ul style="list-style-type: none"> - SOCIAL REFORM MOVEMENTS IN 19TH AND EARLY 20TH CENTURY - SANSKRITIZATION, MODERNIZATION, SECULARIZATION & WESTERNIZATION - DIFFERENT KINDS OF SOCIAL CHANGE 	<p>Students will be able to:</p> <ul style="list-style-type: none"> -understand the concept of structural change that resulted in the wake of colonialism -closely look at structural changes: industrialization and urbanization -learn about the British colonial experience of India -contextualize structural change through the example of tea plantations -understand the concept of cultural change that resulted due to structural changes in post colonial India -closely look at social reform movements & organizations in

	<p>- MINORITY RIGHTS & NATION BUILDING</p> <p>- COMMUNALISM, SECULARISM AND THE NATION -STATE</p> <p>- STATE AND CIVIL SOCIETY</p>					<p>19th & 20th C To learn about the Sanskritization and its different types -get an in depth understanding of Westernization, Modernization & Secularization -successfully answer OTQ's and STQ's on the topic -engage students in activities related to the textbooks: Rituals & Modernity etc.</p>
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Indian School Wadi Kabir

ISWK SHARING KNOWLEDGE
(Monthly Plan - September 2024)

class XII

Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
English	THE INTERVIEW	REPORT WRITING - newspaper REPLIES TO INVITATION	ON THE FACE OF IT	ASSESSMENT 1	ASSESSMENT 1	STUDENTS ARE ABLE TO WRITE REPLIES TO VARIOUS INVITATIONS AND NEWSPAPER REPORTS USING THE RIGHT FORMAT , LAYOUT AND LANGUAGE STRUCTURE. THEY ARE ABLE TO ANSWER LOCAL, GLOBAL AND COMPETENCY BASED QUESTIONS BASED ON THE LITERATURE TEXTS.
Mathematics	Introduction to application of integrals. Area under simple curves How to use Application of integrals in real life	Introduction, Degree and order, General and particular solution.	REVISION	ASSESSMENT 1	ASSESSMENT 1	Understands Introduction to application of integrals. Area under simple curves How to use Application of integrals in real life
Physics	Refraction at spherical surfaces, lenses, thin lens formula, lens maker's	Optical instruments · Microscopes and astronomical	REVISION	ASSESSMENT -1	ASSESSMENT-1	*Understand the refraction at spherical surfaces, lenses, thin lens formula, lens-maker's formula. * Defines power of the lens.

	<p>formula. Magnification, power of a lens, combination of thin lenses in contact, combination of lenses. Refraction of light through a prism.</p>	<p>al telescopes (reflecting & refracting) and their magnifying powers</p>				<p>* Applies the acquired knowledge about combination of lenses. Understands about refraction through a glass prism.</p>
Chemistry	<p>Unit 3 - Chemical kinetics 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).</p>	<p>Concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.</p>	Revision	Ass-1	Ass-1	<p>The student understands the meaning of Rate Constant -derives the units of rate constant for reactions having different orders - expresses the quantitative dependence of rate of reaction on temperature mathematically in the form of Arrhenius equation - explains the term activation energy -comprehends the effect of catalyst on Activation Energy -understand the theoretical basis of Collision Theory</p>
Biology	Transgenic organisms	Ethical issues	Revision	Ass-1	Ass-1	To analyze the

						<p>significance of transgenic organisms in the field of medicines, vaccines, useful products etc</p> <p>Analyse the ethical issues & Biopiracy involved in Biotechnology</p>
Informatics Practices	<p>Aggregate Functions in SQL – Sorting – Order By, Group By – Having Clause – Aggregate Functions and Condition on Groups</p>	<p>Single row functions-numeric, string and date functions</p> <p>Working with two tables using equi-join</p>	REVISION	ASSESSMENT 1	ASSESSMENT 1	<p>The concept of the following will be applied:</p> <ol style="list-style-type: none"> 1. sum() , min(), max() , count() 2. Sorting the records using order by clause ,group by, having
Computer Science	<p>select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by</p>	<p>Meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count),</p>	REVISION	ASSESSMENT 1	ASSESSMENT 1	<p>Students will apply various SELECT clauses using DISTINCT, FROM, WHERE, IN, BETWEEN, LIKE, NULL, NOT NULL, IS NULL, ORDER BY</p>
ACCOUNTANCY	<p>Issue of debentures as collateral</p>	<p>Writing off discount /</p>	REVISION	ASSESSMENT 1	ASSESSMENT 1	<p>Understand the concept of collateral</p>


	security. Interest on debentures	loss on issue of debentures. REVISION				security and its presentation in the balance sheet. Develop the skill of calculating interest on debentures and its accounting treatment. Develop the understanding and skill of writing of discount / loss on issue of debentures. Pass entries and preparation of A/cs.
BUSINESS STUDIES	Financial Management: Concept, role and objectives Financial decisions: investment, financing and dividend - Meaning and factors affecting Financial Planning - concept and importance	Capital Structure – concept and factors affecting capital structure Fixed and Working Capital - Concept and factors affecting their requirements	REVISION	ASSESSMENT I	ASSESSMENT I	Understand the concept of financial management. Explain the role of financial management in an organisation. Discuss the objectives of financial management Explain Capital Structure – concept and factors affecting capital structure Fixed and Working Capital - Concept and factors affecting their requirements
ECONOMICS	Government budget and the economy:	REVISION	ASSESSMENT-1	ASSESSMENT-1	ASSESSMENT-1	Learns about the strategies of the govt

	Meaning, objectives and components Changes in Govt Spending, taxes and Money supply.					
ENTREPRENEURSHIP	Writing Notes	Writing Notes	REVISION	ASSESSMENT 1	ASSESSMENT 1	
MARKETING	Entrepreneurial Skills - IV 1. Understand the meaning and characteristics of entrepreneurship 2. Identify the qualities of an entrepreneur 3. Differentiate between the types of entrepreneur (12 types)	4. Understand the Roles and functions of an entrepreneur 5. Analyze the motivating factor for an entrepreneur 6. Highlight the concept of Startups 7. Comprehend the Barriers to Entrepreneurship	10. Ways to develop Stress Management 11. Ways to develop Time Management 12 Writing notes REVISION	ASSESSMENT 1	ASSESSMENT 1	Entrepreneurial Skills - IV 1. Understand the meaning and characteristics of entrepreneurship 2. Identify the qualities of an entrepreneur 3. Differentiate between the types of entrepreneur

		<p>8. Inculcate Entrepreneurial Attitudes</p> <p>9. Understand the Entrepreneurial Competencies</p>				<p>ur (12 types)</p>	
ENGINEERING GRAPHICS	<p>Open bearing : Disassembly</p>	<p>Unit 4 : Rod joints- Introduction and types of rod joints and definitions, Assembly and disassembly of sleeve and cotter joint & Revision for Assessment 1</p>	<p>ASSESSMENT 1 STARTS</p>	<p>ASSESSMENT 1 STARTS</p>	<p>ASSESSMENT 1 STARTS</p>	<p>Gets clear idea about the construction of disassembling of open bearing from the assembled view.</p>	
PSYCHOLOGY	<p>Types of Therapies Behaviour Therapy •Cognitive Therapy</p>	<ul style="list-style-type: none"> •Humanistic-Existential Therapy •Alternative Therapies •Factors contributing to healing in Psychotherapy Ethics in Psychotherapy 	<p>Revision for Chps. 3-5</p>	<p>ASSESSMENT 1</p>	<p>ASSESSMENT 1</p>	<p>Learners will be able to-</p> <ul style="list-style-type: none"> * elaborate on components of different theoretical approaches. *Appreciate the value of therapy in well being of individuals. 	

		3. Rehabilitation of the Mentally Ill				
PHYSICAL EDUCATION	Unit-7 Physiology & Injuries in Sport Physiological factors determining components of physical fitness	Effect of exercise on the Muscular System Effect of exercise on the CardioRespiratory System	Revision	Ass-1	Ass-1	Understanding the physiological factors determining the <ul style="list-style-type: none"> • components of physical fitness. • Learning the effects of exercises on the Muscular system. • Learning the effects of exercises on Cardiovascular system.
SOCIOLOGY	Unit 11: Change and Development in Rural society (Part 1) - AGRARIAN STRUCTURE: CASTE AND CLASS IN RURAL INDIA - THE IMPACT OF LAND REFORMS - GREEN REVOLUTION AND	Revision of all units taught so far	Asst 1	Asst 1	Asst 1	Students will be able to: - understand the connection between agriculture and culture - closely look at the agrarian structure-caste and class in rural society - learn about the Green revolutions, land reforms (historically to present), - successfully answer OTQ's and STQ's on the topic

	ITS SOCIAL CONSEQUENCES - TRANSFORMATIONS IN RURAL SOCIETY AFTER INDEPENDENCE - CIRCULATION OF LABOUR - GLOBALIZATION, LIBERALIZATION AND RURAL SOCIETY					-engage students in activities related to the textbooks: farmer suicides etc. -understand the themes explored in the subunits like transformations in rural society post independence
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	<h2 style="margin: 0;">Indian School Wadi Kabir</h2> <p style="margin: 0;">ISWK SHARING KNOWLEDGE (Monthly Plan - October 2024)</p>					
						class XII
Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
English	ROADSIDE STAND	GOING PLACES	LETTER TO EDITOR JOB APPLICATION	MEMORIES OF CHILDHOOD	MEMORIES OF CHILDHOOD CNTD..	STUDENTS ARE ABLE TO WRITE FORMAL LETTER TO EDITOR ON VARIED TOPICS AND WRITE APPLICATION FOR JOBS USING THE

						RIGHT FORMAT , LAYOUT AND LANGUAGE STRUCTURE. THEY ARE ABLE TO ANSWER LOCAL, GLOBAL AND COMPETENCY BASED QUESTIONS BASED ON THE LITERATURE TEXTS.
Mathematics	Differential equations using variable separable method, homogeneous equations, Linear Differential Equation method	Introduction, Types of vectors, Addition of vectors, Multiplication of vectors by scalar, Dot and cross product, Scalar triple product. Scalar triple product of 3 vectors, projection of one vector on another.	Direction cosines and ratios of a line, Equation of line in space in Cartesian and vector form, Angle between 2 lines	Facts on skew lines. shortest distance between 2 lines , Coplanarity of 2 lines Estimate the result		Children understands differential equations using variable separable method, homogeneous equations, Linear Differential Equation method Understands direction cosines and ratios of a line, Equation of line in space in Cartesian and vector form, Angle between 2 lines,
Physics	CHAPTER-10-WAVE OPTICS.Huygen's principle.	CHAPTER-10-WAVE OPTICS-Reflection and refraction of a plane wave and its proof.Interference, Young's double slit experiment and expression for fringe width(no				*Understands about interference of waves. Acquires knowledge about Young's double slit experiment and applies it to derive a formula for position of interference fringes and fringe width. Infers about coherent and

		derivation final expression only), coherent sources and sustained interference of light. Diffraction due to a single slit, width of central maximum (qualitative treatment only).				incoherent sources of light. * Acquires knowledge about diffraction due to single slit and applies the knowledge to find the width of the central maximum.
Chemistry	Unit IX: d and f Block Elements General introduction, electronic configuration, characteristics of transition metals	General trends in properties of the first-row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$.	Lanthanoids and Actinoids – Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences. - comparison with lanthanoids.	Unit V: Coordination Compounds Coordination compounds - Introduction, ligands, Coordination number, colour, magnetic properties and shapes, Werner's theory	IUPAC nomenclature of mononuclear coordination compounds. Bonding, VBT, and CFT	The students appreciate the importance of studying d- and f-block elements - recalls the periodic table and the properties with reference to d- and f-block elements. - appreciates the relative stability of various oxidation states in terms of electrode potential values - understands the general characteristics of the d-elements and the general horizontal and group trends - describes the preparation, properties, structures and uses of some important compounds such as $K_2Cr_2O_7$ and $KMnO_4$ - compares the electronic configurations of lanthanoids and

						<p>actinoids</p> <ul style="list-style-type: none"> - identifies the important oxidation states of lanthanoids and actinoids - differentiates between coordination compounds and double salts / organometallic compounds -classifies the ligands into different types - deduces the coordination number and oxidation state of metal in coordination compounds - recognizes the IUPAC rules for naming mononuclear coordination compounds - deduces the structures of coordination compounds with coordination number 4 and 6 on the basis of valence bond theory - applies the crystal field theory to explain bonding in octahedral and tetrahedral coordination compounds
Biology	Population attributes & Growth	Population Interactions	Ecosystems	Structure & function of Ecosystems	Decomposition & Energy flow	<p>Understand population attributes with examples</p> <p>Recall the two types of</p>

				& Productivity.		<p>population Growth with graphical representation</p> <p>Understand & Appreciate the different types of population interactions</p> <p>Understand the Basic concept of Ecosystem.</p> <p>Understand different types of food chains, grazing and detritus food chain</p> <p>Understand the process and the steps involved in decomposition</p> <p>appreciate the roles of organisms in different food chains and food web & energy flow.</p> <p>Understand & Represent the pyramids with examples.</p>
Informatics Practices	<p>Introduction to Computer Networks</p> <p>Introduction to networks, Types of network: LAN, MAN, WAN.</p> <p>Network Devices: modem, hub,</p>	<p>Network Topologies: Star, Bus, Tree, Mesh.</p> <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</p>	<p>Societal Impacts</p> <p>Digital footprint, net and communication etiquettes, data protection,</p>	<p>Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies</p>	<p>Students will understand the advantages and use of networking.</p> <ul style="list-style-type: none"> • Different types of networks • Different network devices <p>Students will</p>

	switch, repeater, router, gateway		web page, web server and hosting of a website. Web Browsers:.	intellectual property rights (IPR), plagiarism,		understand the following: <ul style="list-style-type: none"> • Digital footprints • Plagiarism • Phishing • Hacking • Cyber laws
Computer Science	Joins: cartesian product on two tables, equi-join and natural join	Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor	Display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications	Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)	Data communication terminologies : concept of communication, components of data communication, measuring capacity of communication media , IP address, switching techniques (Circuit switching, Packet switching)	Students will understand how to update the table, how to make changes in the dimension of the table. They will use group by to group same kind of data together from the table. Students will understand how to connect two tables using equi join and natural join. They will implement connectivity between python and mysql. Students will understand the evolution of networking, switching techniques, various wired and wireless transmission media
ACCOUNTANCY	ASSESSMENT 1	Financial statements of a	Tools for Financial	Ratio Analysis	Cash Flow Statement	Develop the

		<p>Company: Financial statements of a Company, Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings</p>	<p>Statement Analysis: Comparative statements, common size statements</p>			<p>understanding of major headings and subheadings Companies Act, of balance sheet as per the prescribed norms / formats. Knowing the meaning, objectives and limitations of financial statement analysis. Knowledge of different tools of 'financial statements analysis' Meaning, objectives and significance of different types of ratios. Develop the understanding of computation of Solvency, liquidity, activity and profitability ratios. Understand the meaning and objectives of the cash flow statement. Develop the understanding of preparation of Cash Flow Statement with adjustments.</p>
BUSINESS STUDIES	Financial Markets: Concept Money	Stock Exchange - Functions and trading	The Consumer	Consumer awareness - Role of	Marketing – Concept, functions and	Explain the meaning of Financial Market and

	<p>Market: Concept Capital market and its types primary and secondary)</p>	<p>procedure Securities and Exchange Board of India (SEBI) - objectives and functions Consumer Protection: Concept and importance</p>	<p>Protection Act, 2019: Source: http://egazette.nic.in/WriteReadData/2019/210422.pdf Meaning of consumer Rights and responsibilities of consumers Who can file a complaint? Redressal machinery Remedies available</p>	<p>consumer organizations and Non-Governmental Organizations (NGOs)</p>	<p>philosophies Marketing Mix</p>	<p>concept of Money Market and Capital Market Students will be able to state the importance of consumer protection; briefly explain legal framework for consumer protection in India; describe consumer rights in India; briefly describe the ways and means of consumer protection; and its types describe consumer rights in India; briefly describe the ways and means of consumer protection; Understand the concept of marketing, functions, philosophies mix. Describe the elements of the marketing mix</p>
<p>ECONOMICS</p>	<p>Government budget and the economy: Classification of receipts-Revenue receipts and Capital receipts</p>	<p>Employment, Growth and Informalisation Growth and changes in workforce participation</p>	<p>Open Economy: Balance of Payments Account: Meaning and</p>	<p>Balance of Payments Account: (Conti...) Balance of Trade, BOP: Surplus and Deficit -</p>	<p>Balance of Payments Account: (Conti...) Exchange rates:</p>	<p>Students will be able to understand the classification and Measures taken by the govt Identifying Similarities and Differences. ...</p>


	<p>Classification of expenditure – Revenue expenditure and Capital Expenditure</p> <p>Measures of Government Deficit: Revenue, Fiscal and Primary deficit : Meaning</p>	<p>Formal n Informal-Problems and Policies.</p>	<p>Components Current a/c and Capital a/c</p>	<p>Meaning, Types Autonomous and Accommodating items - Meaning</p>	<p>Fixed and Flexible-Merits n Demerits Managed floating rate</p>	<p>Understands the differences b/w Formal and Informal</p> <p>Students will be able to differentiate b/w cur a/c and cap a/c</p> <p>Students will be able to differentiate b/w BOP n BOT</p> <p>Learns about the Concept and the differences</p>
<p>ENTREPRENEURSHIP</p>	<p>Chp 5: Business Arithmetic</p> <p>Unit of Sale, - Unit Cost for multiple products or services</p> <p>Break even Analysis for multiple products or services</p>	<p>Computation of Working Capital</p> <p>Inventory Control and EOQ</p> <p>Return on Investment (ROI) and Return on Equity (ROE)</p>	<p>REVISION</p>	<p>REVISION</p>	<p>REVISION</p>	<p>Calculate the unit of sale and unit cost</p> <p>Computing BEP with formula</p> <p>Calculate Return on Investment; Return on Equity and Economic Order Quantity</p>
<p>MARKETING</p>	<p>PROJECT - PRESENTATIONS AND GREEN SKILLS PROJECT</p>	<p>PROJECT - PRESENTATIONS AND GREEN SKILLS PROJECT</p>	<p>REVISION</p>	<p>REVISION</p>	<p>REVISION</p>	

ENGINEERING GRAPHICS	Gib and cotter joint : Assembly and disassembly	Unit V : Tie Rod and Pipe joints - Introduction and definitions of pipe joints - Assembly of turnbuckle	Turnbuckle - Disassembly	Flanged pipe joint - Assembly	Flanged pipe joint - Definitions	Understands the concept of pipe joint and assembling of flanged pipe joint from the disassembled views.
PSYCHOLOGY	<p>Chp 6: Social Cognition</p> <p>Introduction</p> <p>Explaining Social Behaviour</p> <p>Social Cognition</p>	<p>Attitude Formation and Change</p> <p>Attitude Formation</p> <p>Attitude Change</p> <p>Attitude-Behaviour Relationship</p>	<p>Nature and Components of Attitudes</p> <p>Prejudice and Discrimination</p> <p>Strategies for Handling Prejudice</p>	<p>Schemas and Stereotypes</p> <p>Impression Formation and Explaining</p> <p>Behaviour of Others through Attributions</p> <p>Impression Formation</p> <p>Attribution of Causality</p>	<p>Behaviour in the Presence of Others</p> <p>Pro-social Behaviour</p> <p>Factors Affecting Pro-social Behaviour</p>	<p>Learners will be able to:-</p> <ul style="list-style-type: none"> *Enlist the components of Attitudes *Describe the difference between prejudice and discrimination * Discuss the experiments based on Social cognition and Behaviour in group

<p>PHYSICAL EDUCATION</p>	<p>Unit-8 Biomechanics and Sports Newton's Law of Motion & its application in sports Types of Levers and their application in Sports.</p>	<p>Equilibrium – Dynamic & Static and Centre of Gravity and its application in sports Friction & Sports , Projectile in Sports</p>	<p>Unit-9 Psychology and Sports Personality; its definition & types (Jung Classification & Big Five Theory) Motivation, its type & techniques. Exercise Adherence: Reasons, Benefits & Strategies for Enhancing it</p>	<p>Meaning, Concept & Types of Aggressions in Sports.</p>	<p>Psychological Attributes in Sports – Self-Esteem, Mental Imagery, Self-Talk, Goal Setting</p>	<p>Understanding Newton's Laws of Motion and their Application in Sports. • Make students understand the lever and its application in sports. Make students understand the concept of Equilibrium and its application in sports. Understanding Friction in Sports. Understanding the concept of Projectile in sports. To make students understand Personality & its classifications. • To make students understand motivation and its techniques. To make students about Exercise Adherence and Strategies for enhancing Adherence to Exercise. • To make them aware of Aggression in sports and types. • To make students understand Psychological Attributes in Sports.</p>
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<p>SOCIOLOGY</p>	<p>Unit 11: Change and Development in Rural society (Part 2)</p> <ul style="list-style-type: none"> - AGRARIAN STRUCTURE: CASTE AND CLASS IN RURAL INDIA - THE IMPACT OF LAND REFORMS - GREEN REVOLUTION AND ITS SOCIAL CONSEQUENCES - TRANSFORMATION IN RURAL SOCIETY AFTER INDEPENDENCE - CIRCULATION OF LABOUR - GLOBALIZATION, LIBERALIZATION AND RURAL SOCIETY 	<p>Unit 12: Change and Development in Industrial Society</p> <ul style="list-style-type: none"> - IMAGES OF INDUSTRIAL SOCIETY - INDUSTRIALIZATION IN INDIA - INDUSTRIALIZATION IN THE EARLY YEARS OF INDIAN INDEPENDENCE - HOW PEOPLE FIND JOBS - HOW IS WORK CARRIED OUT? - WORKING CONDITIONS - HOME-BASED WORK - STRIKES AND UNIONS 	<p>Unit 12: Change and Development in Industrial Society</p> <ul style="list-style-type: none"> - IMAGES OF INDUSTRIAL SOCIETY - INDUSTRIALIZATION IN INDIA - INDUSTRIALIZATION IN THE EARLY YEARS OF INDIAN INDEPENDENCE - HOW PEOPLE FIND JOBS - HOW IS WORK CARRIED OUT? 	<p>Unit 15: Social Movements (Part 2)</p> <ul style="list-style-type: none"> - ECOLOGICAL MOVEMENTS - CLASS BASED MOVEMENTS - CASTE BASED MOVEMENTS - TRIBAL MOVEMENTS - WOMEN'S MOVEMENT 	<p>Unit 15: Social Movements (Part 2)</p> <ul style="list-style-type: none"> - ECOLOGICAL MOVEMENTS - CLASS BASED MOVEMENTS - CASTE BASED MOVEMENTS - TRIBAL MOVEMENTS - WOMEN'S MOVEMENT 	<p>Students will be able to:</p> <ul style="list-style-type: none"> -understand the connection between agriculture and culture -closely look at the agrarian structure-caste and class in rural society -learn about the Green revolutions, land reforms (historically to present), -successfully answer OTQ's and STQ's on the topic -engage students in activities related to the textbooks: farmer suicides etc. -understand the themes explored in the sub units like transformations in rural society post independence -understand the nature of industrialization in India -closely look at how people find jobs and carry out their work -learn about the working conditions, home based work, strikes & unions,
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			<ul style="list-style-type: none"> - WORKING CONDITIONS - HOME-BASED WORK - STRIKES AND UNIONS 			<ul style="list-style-type: none"> -successfully answer OTQ's and STQ's on the topic -engage students in activities related to the textbooks: time slavery in the IT industry etc. -understand the themes explored in the subunits like transformations in rural society post independence
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	<h2 style="margin: 0;">Indian School Wadi Kabir</h2> <p style="margin: 0;">ISWK SHARING KNOWLEDGE (Monthly Plan - November 2024)</p>					class XII
	Subjects	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5
English	AUNT JENNIFER'S TIGERS	REPLIES TO INVITATION	REVISION AND SOLVING SAMPLE PAPERS			STUDENTS ARE ABLE TO WRITE REPLIES TO FORMAL AND INFORMAL INVITATIONS USING THE RIGHT FORMAT , LAYOUT AND LANGUAGE STRUCTURE. THEY ARE ABLE TO

						ANSWER LOCAL, GLOBAL AND COMPETENCY BASED QUESTIONS BASED ON THE LITERATURE TEXTS.
Mathematics	<p>Linear programming problem Solving LPP graphically To identify feasible region corner points and optimal solution</p>	<p>Conditional probability, Multiplication theorem, Addition theorem, Independent events, Bayes' theorem.</p>	<p>Random variables and its probability distribution.</p>	<p>Probability distribution of different random variables and expected value</p>		<p>Recalls and understands the linear programming problem Solves LPP graphically Identifies feasible region corner points and optimal solution</p> <p>To identify probability distribution of different random variables and expected value</p>
Physics	<p>CHAPTER-11-Dual nature of radiation and matter Dual nature of radiation. Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation -particle nature of light. Matter waves - wave nature of particles, de Broglie relation. Exercises and numerical</p>	<p>Chapter12- Atom Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum CHAPTER-13 -NUCLEI-Co</p>	<p>CHAPTER-14-SEMICONDUCTOR ELECTRONICS- Intrinsic and extrinsic semiconductors. N and P type semiconductors. semiconductor diode – I-V</p>	<p>REVISION</p>	<p>REVISION</p>	<p>*Understands about dual nature of light, Einstein photo electric equation Acquires knowledge about de -broglie waves Understands about various atom model, energy level in hydrogen atom Acquires knowledge about mass defect, nuclear fission and fusion understands about intrinsic and extrinsic conductors, energy level diagram, rectification and diode characteristic curve</p>

		<p>composition and size of nucleus, atomic masses, isotopes, isobars; isotones. Mass defect. Binding energy per nucleon. Nuclear reactions. Nuclear fission and nuclear fusion</p>	<p>characteristics in forward and reverse bias, diode as a rectifier; IV characteristics. Exercise questions and numericals</p>			<p>Acquires knowledge about semiconductors and various applications</p>
<p>Chemistry</p>		<p>Unit V: Coordination Compounds contd/- Structure and stereoisomerism, the importance of coordination compounds (in qualitative</p>	<p>Completion of syllabus theory Revision</p>			<p>The student defines the different types of isomerism in coordination compounds - appreciates the importance and applications of coordination compounds in our day to day life - infers the usefulness of coordination compounds to qualitative analysis</p>

		analysis, extraction of metals and biological system).				
Biology	Biodiversity and conservation Levels, patterns & importance of Biodiversity	loss of biodiversity & Conservation	Revision classes for Rehearsal 1	Revision classes for Rehearsal 1	Revision classes for Rehearsal 1	Understand the importance of Biodiversity and its levels Understand the patterns of Biodiversity and analyze how it is affected by geographical patterns. To analyze critically the factors contributing to extinction of biodiversity. To enumerate different methods of conservation of biodiversity, in situ and ex situ conservation.
Informatics Practices	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	REVISION			Students will understand What is IPR. and they will be able to identify the various IPRs. They will understand the importance of E waste management

	the usage of technology.					
Computer Science	Transmission media: Wired communication media, Wireless media, Network Devices, Network Topologies	Types of Network, Network protocol, Introduction to Web services	REVISION			Students will understand the various network protocols like TCP/IP, FTP, PPP, HTTP, SMTP, POP3, Remote Login and Bus, Star, Tree topologies and web services.
ACCOUNTANCY	Cash Flow Statement	REVISION	REVISION			Develop the understanding of preparation of Cash Flow Statement. (operating, investing and financing activity) Preparation of assets, accumulated depreciation, provision for trax A/c. Treatment of dividends and interests.
BUSINESS STUDIES	Product – branding, labeling and packaging – Concept Price - Concept, Factors determining price Physical Distribution – concept, components and	Promotion – Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations	REVISION	REHEARSAL 1 STARTS	REHEARSAL 1 STARTS	Understand the concept of product as an element of marketing mix Classify products into different categories Understand the concept of price as an element of marketing mix. Describe the factors determining price of a product

	channels of distribution					<p>Explain the different elements of physical distribution and explain the different channels of distribution</p> <p>Understand the concept of promotion as an element of marketing mix.</p> <p>Describe the elements of the promotion mix.</p> <p>Understand the concept of advertising and personal selling</p> <p>Explain the concepts of sales promotion and public relations.</p>
ECONOMICS	<p>Sustainable Economic Development</p> <p>Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming</p>	<p>Development Experience of India: A comparison with neighbours</p> <p>India and Pakistan</p> <p>India and China</p> <p>Issues: economic growth, population, sectoral</p>	REVISION	REVISION	REVISION	<p>understands the importance of environment and problems faced because of pollution taking place</p> <p>Understands the importance of neighbours to know once strength and weakness</p> <p>Understands the ranks of neighbours in various demographic indicators</p>

		development and other Human Development Indicators				
ENTREPRENEURSHIP	REVISION	REVISION	REVISION	REVISION	REVISION	
MARKETING	REVISION	REVISION	REVISION	REHEARSAL 1 STARTS	REHEARSAL 1 STARTS	
ENGINEERING GRAPHICS	Flanged pipe joint : Disassembly	Revision classes for Rehearsal 1.	Revision classes for Rehearsal 1.	REHEARSAL 1 STARTS	REHEARSAL 1 STARTS	Understands the concept of pipe joint and disassembling of flanged pipe joint from the assembled views.
PSYCHOLOGY	Chp 7:- Social Influence and Group Processes Introduction Nature and Formation of Groups Type of Groups	Influence of Group on Individual Behaviour Social Loafing Group Polarisation	REVISION OF COMPLETE PORTION	REVISION OF COMPLETE PORTION	REHEARSAL 1 STARTS	Chp 7:- Social Influence and Group Processes Introduction Nature and Formation of Groups Type of Groups
PHYSICAL EDUCATION	Unit-10 Training in Sports Concept of	Types & Methods to	REVISION	REHEARSAL 1 STARTS	REHEARSAL 1 STARTS	Making the students understand the concept

	<p>Talent Identification and Talent Development in Sports</p> <p>Introduction to Sports Training Cycle –Micro, Meso, Macro Cycle.</p> <p>Types & Methods to Develop – Strength, Endurance, and Speed.</p>	<p>Develop – Flexibility and Coordinative Ability.</p> <p>Circuit Training - Introduction & its importance</p>				<p>of talent identification and methods in sports</p> <p>Making the students Understand sports training and the different cycle in sports training.</p> <p>Making the students Understand different types & methods of strengths, endurance, and speed.</p> <p>Making the students Understand different types & methods of flexibility and • coordinative ability. •</p> <p>Making the students understand Circuit training and its importance.</p>
SOCIOLOGY	<p>Unit 15: Social Movements (Part 2)</p> <ul style="list-style-type: none"> - ECOLOGICAL MOVEMENTS - CLASS BASED MOVEMENTS - CASTE BASED MOVEMENTS - TRIBAL MOVEMENTS - WOMEN’S MOVEMENT 	<p>Revision And Project submission</p>	<p>Revision</p>	<p>Rehearsal 1</p>	<p>Rehearsal 1</p>	<p>Students will learn to:</p> <ul style="list-style-type: none"> -learn about the ecological, class based, caste based, tribal, women's movements -successfully answer OTQ's and STQ's on the topic -engage students in activities related to the textbooks: dalit poems etc. -understand the themes explored in the subunits like backward

