SYLLABUS BIFURCATION
SESSION 2024-2025

CLASS – XI   **SUBJECT:ACCOUNTANCY**
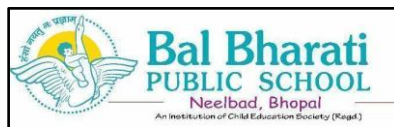
Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
MARCH	INTRODUCTION TO ACCOUNTING	9	Introduction to Accounting Accounting- concept, meaning, as a source of information, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business.	● Through different examples related to real life situations. ● Different e-learning platform e-content- Text, Video Lectures, Audio Lectures, PPTs.	Students will learn about Accounting concepts, meaning, objectives and limitations Types of accounting information, users of accounting information, qualitative.
APRIL	BASIC ACCOUNTING TERMS	22	Basic Accounting terms Entity, Business Transaction, Capital, Drawings. Liabilities (Non Current and Current). Assets (Non Current, Current); Expenditure (Capital and Revenue), Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount) c) Theory Base of Accounting (Fundamental Accounting Assumptions & Concepts) Fundamental accounting	Make an innovative project on Accounts by residing a comprehensive story which includes the Accounting terminologies and Principles.	students will learn various terminologies of accounting.

			assumptions: GAAP: Concept **Basic Accounting Concept : Business Entity,** **Money Measurement, Going Concern,** **Accounting Period, Cost Concept, Dual Aspect,** **Revenue Recognition, Matching, Full** **Disclosure, Consistency, Conservatism,** **Objectivity & Materiality** **System of Accounting. Basis of Accounting:**		
MAY	**VOUCHER**	**11**	**Recording of Business Transactions** **" Voucher and Transactions: Source documents and** **Vouchers**	**Story telling Story of kirana shop keeper will be narrated** **who sells goods in his locality on credit and cash.(Basis of Accounting**	**Know different types of Vouchers and source documents. Explain the preparation of accounting vouchers.** **Students will understand concept, application & Interpretation of accounting equation and draw conclusions. Students will be able to calculate income through cash and accrual basis of accounting**
JUNE	**ACCOUNTING EQUATION**	**9**	**Accounting Equation Approach: Meaning and** **Analysis, Rules of Debit and Credit.**	**make a chart on rules of debit and credit**	**Synthesis meaning of Account, Debit and Credit. Explain the Classification of Accounts on the basis of nature. Understand the Rules of AccountingAccounts on the basis of nature.**
JULY	**RECORDING OF**	**22**	**Recording of Transactions: Books of**	**Activity – Students will be told to**	**Students will understand the**

			Original Entry **Journal** **(Including trade discount, freight and cartage** **expenses for simple GST calculation** **" Ledger: Format, Posting from journal and** **subsidiary books, Balancing of accounts** **Trial Balance**	**prepare a list of assets surrounding him on which depreciation is charged.**	**method of recording transaction - journal**
AUGUST	**SUBSIDIARY BOOKS**	**23**	**Special Purpose books:** **" Cash Book: Simple, cash book with bank column** **and petty cashbook** **-Purchases book** **- Sales book** **- Purchases return book** **-Sales return book** **-Journal proper**	**Questions will be given for practice from various reference book.**	**Understand the need for special purpose books; Record the transaction in the special purpose books Enable to post the entries from the special purpose book to the ledger and their balancing. Describe the Meaning, need advantages and types of Cash Book**
SEP.	**DEPRECIATION** **BANK RECONCILIATION STATEMENT**	**22**	**Accounting Depreciation, meaning need, causes, and other related terms, depletion and amortization** **Methods of depreciation, straight line and written down value method** **Bank Reconciliation Statement Preparation of Bank reconciliation statement, need and method of preparedness with respect to various transactions**	**Analyse the financial statement of Indian company.**	**Students will be able to know the need and importance of depreciation in business. Identify appropriate Method of depreciation. Learn to calculate profit or loss on sale of asset.**
OCT.	**FINANCIAL STATEMENT**	**20**	**Financial Statements Preparation of financial statements, preparation of trading account and profit and loss account preparation of balance sheet,**	**Class Test (written Test): Set of Questions** **will be prepared based on Bloom's Taxonomy**	**Understand the placement of different accounts in Trading Account, Profit and Loss Account and Balance Sheet without adjustments.**

					Understand the meaning of adjustment entries and its treatment in final accounts. Understand the preparation of Final Accounts with Adjustments
NOV,	FINAL ACCOUNT WITH ADJUSTMENT	22	Operating profits and net profit, grouping and marshalling in balance sheet formula based questions Financial Statements (with adjustments) Adjustments of financial statements with respect to 1 closing stock, outstanding expenses, prepaid expenses, accrued income income, received in advance, depreciation, bandit provision for bad and doubtful		Student will be able to know the different types of formulas to calculate GP, NP OP.
DEC.	PROVISION AND RESERVE 'PERIODIC TEST - 2	21	Provision for discount on debtors abnormal loss is goods taken over bye stuff and personal use interest on capital and managerial commission. Provisions and Reserve Revenue reserves, capital reserves, general reserves, specific reserves and secret reserves. Difference between reserve and provision and capital reserve and revenue reserve.	Similar questions will be given from reference book for practice	Student will be able to know the different types of reserves and their creation. They understand the difference between provision and reserves.
JAN	RECTIFICATION OF ERROR	21	Rectification of Errors Trial balance and rectification of errors, types of errors, errors of commission, errors of omission, Principal, errors and compensatory errors and rectifying the errors by use of suspense account and disposal of suspense account	Work sheet on Rectificat ion of errors will be solved	Students will be able to understand the various types of errors.
FEB.	SINGLE ENTRY SYSTEM	21	Accounting from Incomplete Records (only by use of statement of Affairs method) Single entry or incomplete records. Preparation of	Worksheet	Students will be able to : Understand the Single and Double Entry system of Accounting Distinguish

			statement of affairs in the beginning of the year and end of the year and taking out profit or losses by help of statement as well as with emphasis on adjustments. **Revision & Project work**		between Balance Sheet and Statement of Affairs Method.
MARCH	ANNUAL EXAM	22	Revision for annual examination		

SYLLABUS BIFURCATION
SESSION 2024-2025

CLASS – XI   **SUBJECT:BUSINESS STUDIES**

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
APRIL	*Unit 1: Evolution and Fundamentals of Business*	22	*1) History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities:* *Merchant Corporations, Major Trade Centres, Major Imports and Exports, Position of Indian Sub-Continent in the World Economy.* *2) Business – meaning and characteristics* *3) Business, profession, and employment cConcepts* *4) Objectives of business* *5) Classification of business activities – Industry and Commerce* *6) Industry types – primary, secondary, tertiary mMeaning and subgroups* *7) Commerce-trade – types-internal, external, wholesale and*	**Individual & group activity Pictures related to various activities will be shown and students will be told to classified as economic and noneconomic**	After completion of the chapter student would learn- Understanding human activity Classification of different economic & non economic activity Role of profit Compare different types of business Causes of business risk Factor before starting a business.

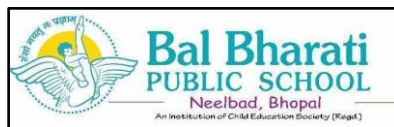|					
			retail and auxiliaries to trade; banking, insurance, transportation, warehousing, communication and advertising – meaning		
MAY	*Unit 2: Forms of Business organisations*	11	**1) Sole Proprietorship – Concept, merits and limitations.** **2) Partnership – Concept, types, merits and limitations of partnership, registration of a partnership firm, partnership deed. Types of partners** **3) Hindu Undivided Family Business – Concept**	● **Case Study on a Product** 1. **Research for change in price of the product. For example, apples in Himachal Pradesh during the plucking and non-plucking season.** 2. **Effect on prices in the absence of an effective transport system.** 3. **Effect on prices in the absence of suitable warehouse facilities.** 4. **Duties performed by the warehouses**	**Student would learn - Different forms of business organization Feature, merits, limitation of business organization Distinguish between various forms of organization Analyzing factors determining appropriate form of business organization Factors to be noticed while making choices of forms of business Student will learn - Identifying of business opportunities Preparation of necessary documents Students will be able to identify the partnership form of business from his/ her surroundings**
JUNE	**4)Cooperative Societies – Concept, merits and limitations** **5) Company – Concept, merits, and limitations; Types:**	09	**Concept, merits, and limitations; Types: Private, Public and One Person Company – Concept** **Formation of company – stages**		students will now be able to know about the company **Public and One Person Company – Concept** **Formation of company – stages, important**

	Private, Public and One Person Company – Concept **6) Formation of company – stages, important documents to be used in formation of a company**				**documents to be used in formation of a company**
JULY	*Unit 3: Public, Private and Multinational Company*	25	**1)Public sector and private sector enterprises – Concept** **2) Forms of public sector enterprises – Departmental Undertakings, Statutory Corporations and Government Company**	**Making a chart on Aids to Trade.**	**students will understand about** **Forms of public sector enterprises – Departmental Undertakings, Statutory Corporations and Government Company**
AUGUST	*Unit 4: Business Services*	23	**1) Business services – meaning and types. Banking: Types of bank accounts – savings, current, recurring, fixed deposit and multiple option deposit account** **2)Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. E-Banking meaning, Types of digital payments.** **3) Insurance – Principles; types – life, health, fire, and marine insurance concepts.**	**Role play on banking system . different transaction and the services provided by a bank . students will understand through this Role play the importance of Banking services**	**students will understand through this Role play the importance of Banking services .** **Types of bank accounts – savings, current, recurring, fixed deposit and multiple option deposit account**

SEPTEMBER	*Unit 5: Emerging Modes of Business*	22	**1) E-business: concept, scope and benefits** **Revision for half yearly exam**	**1.Visit to an iIndustry** **2.Visit to a wWholesale market (vegetables, fruits, flowers, grains, garments, etc.)** **3.Visit to a dDepartmental store** **4. Visit to a mMall.**	**students will understand the concept of** **E-business: concept, scope and benefits**
OCTOBER	*Unit 6: Social Responsibility of Business and Business Ethics*	20	1) Concept of social responsibility 2) Case of social responsibility 3) Responsibility towards owners, investors, consumers, employees, government and community 4) Role of business in environment protection	**Teacher student interactive activity**	**students will understand the concept of** Concept of social responsibility Case of social responsibility Responsibility towards owners, investors, consumers, employees, government and community Role of business in environment protection
NOVEMBER	*Sources of Business Finance*	22	Concepts of business finance Sources of funds on the basis of ownership Sources of Owner's funds Sources of borrowed funds.	**Individual & group activity**	Owners' funds – equity shares, preferences share, retained earnings, Global Depository receipt (GDR), American Depository Receipt (ADR) and

					International Depository Receipt (IDR) – concept Borrowed funds – debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit
DECEMBER	Small Business and enterprises	21	**1) Role of small business in India with special reference to rural areas** **2) Government schemes and agencies for small scale industries – National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas.**	Group discussion will be taken on backward areas development	**students will understand the concept of Entrepreneurship Development (ED) – Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act)**
JANUARY	Internal trade	21	**1)Internal trade – meaning and types of services rendered by a wholesaler and a retailer.** **2)Large scale retailers-Departmental stores, chain stores – concept**	**A visit to any State Emporium**	**students will understand the concept of** **Internal trade – meaning and types of services rendered by a wholesaler and a retailer Large scale retailers-Departmental stores, chain stores – concept**
FEBRUA	International trade	21	**1) International trade – concept**	**Notes Individual & group activity**	**Students will be able to**

RY			and benefits		understand International trade – concept and benefits
	Revision				
MARCH	**ANNUAL EXAM**	22			

CLASS – XI   **SUBJECT:ECONOMICS**

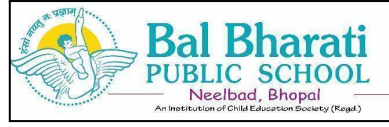| Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
MARCH					
APRIL	**STATISTICS** Ch 1 - Introduction (Statistics) ● **MICRO ECONOMICS UNIT I** Ch 1 – Introduction and Central problems of an Economy)	22	Meaning of Economics Classification of eco. Activities Meaning of Statistics in plural and singular sense Functions importance and limitations of statistics. INTRODUCTION A types economy Micro & Macro economics Positive & normative economics Central problems of an economy Production Possibility Curve (PPC	1. Students may be asked to list different activities of members of their family, different kinds of scarcities that they face in their daily life, list examples of qualitative and quantitative data 2. Students may be asked to make a questionnaire , collect data on different issues from different sources, read different survey reports. 3. Students will be told to bring their last year mark sheet and tell them to collect the data subject wise after forming a group	Students will learn: 1. Basics of economics and co-relate with economics problem. 2. Various economic activities, economic problems and its reasons, 3. Statistics is and how statistics help in the understanding of economics About what the data is and its types, the uses of data, methods of data collection and agencies collecting data in India Show Videos to the class Art Integration Students will be given to prepare play role of an economy and decide PPC of a country.
MAY	● Ch 2 – Collection of Data . ● Ch 3 - Organisation of	11	Sources of data - primary and secondary; How basic data is collected with concepts of Sampling Methods of collecting data Some important sources of	**Students will be told to bring their last year mark sheet and tell them to collect, organise, and present the data subject wise after forming a group**	**Students will learn:** **1. Basics of economics and co-relate with economics problem. 2. Various economic activities,**

	Data: ● MICRO ECONOMICS UNIT II ● Ch 2 – ● Approach/ Utility Analysis Ordinal Approach/ Indifference Curve Analysis The consumer's budget Preferences of the		secondary data: Census of India and National Sample Survey Organisation ● Meaning and types of variables; Frequency Distribution. Types of series. Conversion of series. ● Consumer's Equilibrium Introduction Theory of consumer behavior Cardinal ● Utility Analysis Ordinal Approach/ Indifference Curve Analysis The consumer's budget Preferences of the	**Art Integration** **Students will be asked to prepare a questionnaire on a topic selected by them ,collect the data ,organise it then using statistical tools present the data .As a project**	**economic problems and its reasons,** **3. Statistics is and how statistics help in the understanding of economics About what the data is and its types, the uses of data, methods of data collection and agencies collecting data in India.** **Students will be able to learn the concept of MU and TU 2. Consumer's equilibrium – one & two commodity. 3. The students will be able to explain& present consumer's budget using budget set, budget line & changes in budget set. 4. The students will learn preferences by studying monotonic preferences, substitution between goods, Diminishing rate of substitution, indifference curve , it's shape & indifference map, utility, optimal choice**
JUNE	**Ch 4 –Presentation of Data Tabular Presentation**	09	**Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams and pie diagrams), Graphical Presentation of Data: (i) Frequency diagrams (histogram, polygon and Ogive) and (ii) Arithmetic line graphs (time series graph**	Group discussion will be taken .	Students will learn about the different bar diagram.
JULY		25	Introduction Demand schedule	PPT PRESENTATION.	Students will learn about the different market conditions

			Demand curve Demand function Determinants or Factors affecting Demand. Law od Demand Change in Demand Definition Degree of price elasticity Methods to calculate Elasticity of demand Factors affecting elasticity of demand		and about factors that effect the demand.
	Ch 3- Theory of Demand Ch 4 – Price Elasticity Of Demand				
AUGUST	Ch 5- Measures of Central Tendency Mean **median,mode** **Revision for half yearly examination**	23	Mean **median,mode** **Revision for half yearly examination**	**Questions for practice will be given through a worksheet**	**1.Understand the meaning and purpose of central tendency.** **2. Distinguish between mean, median and mode.** **3. Know the how to calculate averages and positional value.** **4. To be familiar with techniques of calculating central tendency.** **5. Know about difference between averages and positional values.**
SEPTEMBER	**MICRO ECONOMICS UNIT III Ch - Theory of Supply and Price Factors affecting price elasticity**	22	**. The students will be able to understand the supply. 2. Law of supply, factors affecting law of** **1. Problem solving skill 2. Relatedness** **3. Interdependency** **1. Supply and supply curve in relation to Verbal assignments elasticity of Supply. Meaning Supply schedule and supply curve. Factors affecting supply. Supply function Law of supply Change in supply Degrees of elasticity of supply**	PPT Presentation will be taken on the topic supply.	**.1. The students will be able to understand the supply.** **2. Law of supply, factors affecting law of supply.** **3. Shift in supply & moment along supply curve. 4. Price elasticity, methods, and sums.**

			Methods to calculate elasticity of supply		
OCTOBER	Ch 5 - Production function Ch 6 – Theory of Cost Short run costs -	20	Introduction Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product. Law of variable Proportion/Returns to a Factor. total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost. Marginal cost- meaning and their relationships	**Verbal assignments in which certain real life condition will be given & students will be asked to give the answer**	**Production function Short run, long run The students will be able to know Meaning, short run, long run,, difference between them, concept of product, law of variable proportions, diminishing returns, relation between TP & MP, relation between MP & AP** **The students will be able to understand meaning, short run costs, Average costs, Marginal cost, and relationships between short run costs. Sums**
NOVEMBER	**Ch 7 – Concept of Revenue Ch 8 – Producer's equilibrium**	22	**Total, average and marginal revenue – Meaning and their relationship.** **Meaning Conditions in terms of marginal revenue and marginal cost.**	**Worksheet will be given for hots questions**	**The students will be able to understand meaning, TR, AR, MR, relationship between them** **The students will be able to identify meaning of profit, producers. Short term & long term equilibrium, MR – MC Approach**
DECEMBER	**STATISTICS Ch 7 - Correlation**	21	**Meaning of correlation Types of correlation Degrees of Correlation Scatter diagram Measures of correlation - Karl Pearson's method (two variables ungrouped data)**	Graphical presentation through ppt.	**1. Learn about calculating correlation. 2. Learn different methods of calculating correlation. 3. Learn to collect, organize**

			Spearman's rank correlation		and display data. 4. Learn to use technology to compute the correlation for a set of data, and interpret correlation in relation to the context or problem situation.
JANUARY	**MICROECONOMICS UNIT IV Ch 10 – Forms of Market and Price Determination under Perfect Competition**	21	**Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply**	Group discussion on different market conditions.	**The students will be able to understand meaning of market, perfect competition, monopoly, monopolistic competition, differences between them, oligopoly, comparison between diff. market structures**
FEBRUARY	**STATISTICS** **Ch 8 - Introduction to Index Numbers REVISION**	21	**Meaning, Simple and weighted index number. Wholesale price index, consumer price index and index of industrial production, uses of index numbers; inflation and index numbers.**	**Verbal assessment will be done on the basis of questions asked in the class**	**After going through this unit, the student/ learner will be able to:** **1. Learn to define Index Numbers.** **2. Learn different methods of calculating Index Numbers.** **3. Learn to understand different uses of Index Numbers.** **4. Learn to collect, organize and display data**
MARCH	**ANNUAL EXAM**	22			

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CLASS – XI   **SUBJECT: HINDI**

Month	Chapter Name	No. of Days Required	Curriculum Mapping	Learning Outcomes
APRIL	(गद्य)1- नमक का दारोगा	6	सत्य की विजय पर कहानी कहना। https://youtu.be/zY-KzlTfCRA?si=HUzLDEex54N2wGfG	धर्म तथा सत्य की हमेशा जीत होती है।
	(काव्य)1- कबीर	4	कबीर के पदों का गायन।	ईश्वर एक है। धर्म में आडंबर दिखाना नहीं।
	(गद्य)2- मियाँ नसीरुद्दीन	5	अपने हुनर का परिचय।	प्रत्येक काम एक कला है।
	जनसंचार माध्यम और लेखन) 1. जनसंचार माध्यम और लेखन	7		जनसंचार माध्यमों का ज्ञान ।
MAY	वितान) पाठ-1 भारतीय गायिकाओं में बेजोड़ : लता मंगेशकर	4	लता मंगेशकर के जीवन पर आधारित परियोजना कार्य।	लता मंगेशकर की अभूतपुर गायकी की बारीकियों का ज्ञान।
	(काव्य) 2. मीरा	3	मीरा के पदों का गायन। https://youtu.be/a-HaUyDP0Ko?si=ERbQjpzb9J4dyfjg	मीरा की भक्ति भावना।
	जनसंचार माध्यम और लेखन) 2. पत्रकारिता के विविध आयाम	4		पत्रकारिता से परिचय।
JUNE	गद्य) 3- अपू के साथ ढाई साल	5	निर्देशक सत्यजित राय की किसी फिल्म की समीक्षा कीजिए।	फिल्म निर्माण की प्रक्रिया का ज्ञान।
	(काव्य) 3. घर की याद	4	कविता पाठ।	जेल प्रवास के दौरान कवि की मानसिक दशा तथा परिवार के प्रति प्रेम की भावना।
JULY	(गद्य) 4- विदाई संभाषण	5	बंगाल विभाजन पर आलेख लिखिए।	गवर्नर लॉर्ड कर्जन की नीतियों का परिचय।
	(काव्य) 4. चंपा काले काले अक्षर नहीं चीन्हती	4	जल संरक्षण को सचित्र दर्शाइए तथा नारा लेखन कीजिए।	साक्षरता का महत्व बताना। राजस्थान की मरुभूमि में जल का महत्व।

	(वितान) 2- राजस्थान की रजत बूँदे	5	राजस्थान की भौगोलिक स्थिति को दर्शाते हुए पानी पर महत्व पर आलेख लिखिए।	
	(गद्य) 5. गलता लोहा	6	गलता लोहा कहानी की पटकथा लिखिए।	कार्य की कुशलता जाति के आधार पर नहीं।
	(काव्य) 5. ग़ज़ल	5		कवि की क्रांतिकारी आवाज।
AUGUST	(जनसंचार माध्यम और लेखन) 3. डायरी लिखने की कला 4. कथा - पटकथा (गद्य) 6. रजनी	5 5 6	'रजनी' नाटक का मंचन।	लेखन क्षमता का विकास संघर्ष करने की क्षमता का विकास
SEPTEMBER	14. कार्यालय लेखन और प्रक्रिया 15. स्ववृत्त लेखन (काव्य) 6. अक्क महादेवी (गद्य)7- जामुन का पेड़	5 5 5 7	अपना बायोडाटा बनाइए। अक्क महादेवी की मीरा से समानता कीजिए। जामुन का पेड़ पाठ का मंचन।	लेखन क्षमता का विकास तपस्या तथा ईश्वर भक्ति के मार्ग का ज्ञान। सरकारी कार्यालय की कार्यप्रणाली।
OCTOBER	(काव्य) 7- सबसे खतरनाक (काव्य) 8. आओ मिलकर बचाएँ (सृजनात्मक लेखन) नए और अप्रत्याशित विषयों पर लेखन		वृक्षारोपण करना।	समाज समाज में निराशा तथा बुराइयों के विपरीत आवाज उठाना। प्रकृति को बचाने का संदेश। लेखन क्षमता का विकास
NOVEMBER	(गद्य) 8.भारत माता (वितान)3. आलो आंधारि		मानचित्र पर भारत के अलग-अलग हिस्सों की भाषा को दर्शाना। पाठ की लेखिका बेबी हलदार का जीवन परिचय लिखना ।	भारत की संस्कृति का परिचय। जीवन एक संघर्ष है।
DECEMBER	16. कोश - एक परिचर्या			
JANUARY	पुनरावृति			
FEBRUARY	पुनरावृति			

MARCH	वार्षिक परीक्षा			

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CLASS – XI   **SUBJECT: PHYSICAL EDUCATION**

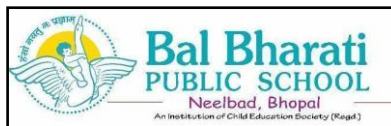| Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
April	Unit 1 : Changing Trends and Careers in Physical Education	22	Meaning and Definition of Physical Education Aims and Objectives of Physical Education Career Options in Physical Education Competitions in Various Sports at National and International Level Khelo India Programme	**The class will be divided into groups . each group will be asked to relevant the physical with other subjects and talk about different types of activities in the Olympics (like rules and regulations are different games.)** **Also teacher will explain the various career or profession in physical education and which all institutions are running these physical education courses in India.**	After completing this chapter, Students will be able to: Recognize the concept of Physical Education. identify the aims and objectives of Physical Education. explore different career options in the field of Physical Education. classify various sports competitions at National and International level. understand Khelo India Programme
May	Unit II: Olympic Value Education	11	Olympic, Paralympics and Special Olympics Olympic Symbols, Ideals, Objectives & Values of Olympism International Olympic Committee Indian Olympic Association	**Teacher make groups and make student to seat in the groups then make group discussion about modern Olympic and ancient Olympic which one is better but before that teacher will explain about both the Olympics in detail.and also various sports awards given in India with different examples related to the sports awards.** **Teacher also explain about the organizations who control the sports events in country or in the world like**	After completing this chapter, Students will be able to: Differentiate between Modern and Ancient Olympic Games, Paralympics and Special Olympic games. identify the Olympic Symbols and Ideals. incorporate values of Olympism in your life. describe the role, responsibilities and functioning of IOC and IOA.

				IOC and IOA	
June	Unit III: Physical Fitness, Wellness & Lifestyle	09	Meaning & importance of Physical Fitness, Wellness & Lifestyle Components of Physical Fitness and Wellness Components of Health-related Fitness	**Group discussion about different health problems which we see nearby us.(cardiac problem, hypertension, Diabetes, asthma etc.**	After completing this chapter, Students will be able to: Describe concept of a healthy life style.explain wellness and its importance and define the components of wellness.classify Physical Fitness and recognise its importance in life. distinguish between.skill-related and health-related components of physical fitness.
July	Unit IV :Physical Education and Sports for Children with Special Needs Unit V :Yoga	25	Aims and objectives of Adaptive Physical Education Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics) Concept of Inclusion, its need and Implementation Role of various professionals for children with special needs (Counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist and Special Educator) Meaning & Importance of Yoga Elements of Yoga Introduction- Asanas, Pranayamas, Meditation & Yogic Kriyas Yoga for concentration & related asanas (Sukhasana, Tadasana,	**Teacher take student on ground and select 2 or 3 students to perform asana as they are instructed to perform after their command. Then the teacher explain various asana will students are performing at the same time . Teacher also explain various therapeutic effects of yoga . and history of yoga in India.**	After completing this chapter, Students will be able to: Identify the factors that affect access to physical activity for CWSN.recognize the need of Physical Education and sports for CWSN.outline and describe the aim and objectives of Adapted Physical Education.distinguish the role of Paralympics, Special Olympics and Deaflympics describe concept of inclusion, need of inclusion and it implementation.explain strategies for increasing access and participation in sports.identify different professionals, their role and services for CWSN recognize the concept of yoga and aware with the importance of it . identify the elements of yoga.identify the Asanas, Pranayamas, meditation and yogic kriyas.classify various yogic activities for

			Padmasana, and Shashankasana, Naukasana, Vrikshasan, Garudasana) Relaxation Techniques for improving concentration-Yog-nidra.		enhancement of concentration .know about relaxation techniques for improving concentration
August	Unit VI : Physical Education and Leadership Training	23	Leadership Qualities and Role of a leader. Creating leaders through Physical Education. Meaning, Objectives and types of Adventure Sports (Rock climbing, trekking, River Rafting, Mountaineering, Surfing and Para Gliding) Safety measures to prevent sports injuries	**Teacher explain the different types of physical activity and which types of environment is needed. They create a small adventure activity on the ground and explain the detailed things about the safety measures and importances of the physical activities and physical activities.** **Teacher make different groups to perform the same task by these they can learn the qualities of leadership also .**	After completing this chapter, Students will be able to: Recall definitions of leadership. list the qualities of a leader.understand adventure sports.recognize and classify sports injuries.demonstrate injury management.apply safety measures
September	Unit VII : Test and Measurement in Sports	22	Define Test, Measurement & Evaluation Importance of Test, Measurement & Evaluation in Sports Calculation of BMI & Waist – Hip Ratio Somato Types (Endomorphy, Mesomorphy & Ectomorphy) Measurement of health related fitness	**Student will take a BMI test of any 10 student and identify the student category in which they belong to.** **And by these teacher explain the whole process of the text and also the body types of students in which body types belong to .**	After completing this chapter, Students will be able to: Define the terms test, measurement, and evaluation, differentiate norm- and criterion-referenced standards, differentiate formative and summative evaluation, discuss the importance of measurement an evaluation processes, understand BMI: A popular clinical standard and its computation differentiate between Endomorphy, Mesomorphy & Ectomorph describe the procedure of measurement of health related fitness
October	Unit VIII :	20	Definition and importance of Anatomy, Physiology and	**Organized physical activity for student and explain them the**	After completing this chapter, Students will be able to:

	Fundamental of Anatomy, Physiology and Kinesiology in Sports		Kinesiology. Functions of Skeletal System, Classification of Bones and Types Joints. Properties and Functions of Muscles. Structure and Functions of Respiratory System and Circulatory System. Equilibrium: Dynamic and Static and Centre of Gravity and its application in Sports.	**involvement of various body parts ,how they work together in an activity and effects on internal body organ like circulatory system,respiratory system.** **And also about the causes and symptoms of second wind and oxygen debt.**	Identify the importance of anatomy, physiology and kinesiology. recognize the main functions of the skeleton. understand the functions of bones and identify various types of joints. figure out the properties and functions of muscles and understand how they work. understand the anatomy of the respiratory system and describe its working. identify and analyze the layout and functions of the Circulatory System. articulate and demonstrate the concept and application of equilibrium and center of gravity insports.
November	Unit IX : Psychology and Sports	22	Definition & Importance of Psychology in Physical Education & Sports. Define & Differentiate between Growth & Development Developmental characteristics at Different Stage of Growth and Development Adolescent Problems & their Management	**Teacher explain the importance of psychology and how it increasing the performance in sports and techniques used in psychology to make the best selection. In this chapter learn also learn the growth and development and different stages of it and what type of changes come in the life during this period of growth and what type of management skill are their**	After completing this chapter, Students will be able to: Identify the role of Psychology in Physical Education and sports. correlate the psychological concepts with the sports and athlete specific situations. differentiate characteristics of growth and development at different stages. determine the issues related to adolescent behaviour. recognise different management strategies for adolescent relate dissues
December	Unit X : Training and Doping in Sports	21	Meaning and Concept of Sports Training	**Teacher will explain the meaning and causes of doping and various types of doping that can be**	After completing this chapter, Students will be able to: Identify the need of training in

			Principles of Sports Training	**used by athletes to enhance performance and its adverse side effects over health .**	sports.Recount principles of sports training.Explain the significance of warming up and cooling down.Differentiate between skill, technique and style.Identify doping and types of doping.Recognize side effects of prohibited substances.Recognize the effect of alcohol abuse and substance on sports performance
			Warming up & Limbering Down		
			Skill, Technique &Style		
			Concept and Classification of Doping		
			Prohibited Substances and their Side Effects		
			Dealing with alcohol and Substance Abuse		
January	**REVISION**	21			
February	**REVISION**	**21**			
		22			
March					

SYLLABUS BIFURCATION
SESSION 2024-2025

CLASS – XI   **SUBJECT: INFORMATICS PRACTICES**

Month	Chapter Name	No. of Days Required	Sub-topics	Curriculum Mapping	Learning Outcomes
APRIL	**Unit 1: Introduction to Computer System**	8	1. Introduction to computer and computing: **2-evolution of computing devices:** components of a computer system and their interconnections, Input/output devices. **3-Computer Memory:** Units of memory types of memory – primary and secondary data deletion its recovery and related security concerns. **4-Software:** purpose and types – system and application software, generic and specific purpose software.	Draw Block Diagram of Computer Define the Input and Output/ input Devices	● Identify the components of computer system. And their working.
MAY	**Unit 2: Introduction to Python**		**1-**Basics of Python programming, Python interpreter - interactive and script mode, the structure	Install the python IDLE or Jupiter Create a program to get name ans surname of the user and then print the complete name Write a code to get two numbers and add the numbers	● Create Python programs using different data types, lists and dictionaries.

			of a program, **2-**indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, **3-data types,** mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, **4-data type conversion, debugging.** **5-Control Statements:** if-else, if-elif-else, while loop, for loop Lists: list operations - creating, **6-initializing,** traversing and manipulating lists, list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum() **7-Dictionary:** concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear()		● Use the different operators in Python and see the results on how the operations are done for different datatypes

JUNE	**Ch-3 Python Fundamentals**	7	● Introduction
			● Python Character Set
			● Token
			  ● Keywords
			  ● Identifiers
			  ● Literals/values
			  ● Operators
				Q1. Write a program that display a joke .but display the punch line only when the user presses enter key .	Students will learn:-
					
					● Python Character Set
					● Token
					  ● Keywords
					  ● Identifiers
					  ● Literals/values

			- punctuators - Barebones of a Python Program - Variables and Assignments - Creating a Variable - Multiple Assignments - Variable Definition - Dynamic Typing - Simple Input and Output - Reading Numbers - Output Through print() Function	Q2. Write a program to read today `s data from user. Then display how many days are left in the current month . Q3. Write a program that generates the following out put: 5 10 9 Assign value 5 to a variable using assignment operator (=) multiply it with 2 to generate 10 and subtract 1 to generate 9. Q4. Modify the above program so as to print output as 5@10@9. Q5. Write the program with a maximum three line of code and that assign first five multiples of number to 5 variable and then` print them .	- Operators - punctuators - Barebones of a Python Program - Variables and Assignments - Creating a Variable - Multiple Assignments - Variable Definition - Dynamic Typing
JULY	**Ch-4 Data Handling Intoduction**	25	- Data Types - Numbers - Strings - Lists and Tuples - Dictionary - Mutable and Immutable Types - Variable Internals - Operators - Arithmetic Operators - Relational Operators - Identity Operators	Q1. Write a program to obtain principal amount , rate of interest and time from user and compute simple interest . Q2. Write a program to obtain temperature of 7 days (Monday….sunday) and then display average temperature of the week . Q3. Write a program to obtain x, y, z from the	Students will learn:- - Data Types - Numbers - Strings - Lists and Tuples - Dictionary - Mutable and Immutable Types - Variable Internals - Operators - Arithmetic Operators - Relational Operators

			• Logical Operators
			• Operator Precedence
			• Expressions
			  • Evaluating Expressions
			  • Type casting
			• Working with math Module of Python
			• debugging
			• Errors in a program
				user and calculate expression: 4x4 +3y3+9z+6
				
				Q1. Write a python script that ask the user to enter a length in centimeters .if the user enters a negative length , the program should tell the user that the entry is invalid . otherwise ,the program should convert the length to inches and print out the result . there are 2.54 centimeters in an inch.
					• Identity Operators
					• Logical Operators
					• Operator Precedence
					• Expressions
					  • Evaluating Expressions
					  • Type casting

	Ch-5 Flow of Control		• Introduction
			• Types of Statements in Python
			• Statement Flow Control
			• The if Statements of Python
			  • The if Statement
			  • The if-else Statement
			  • The if-elif statement
			  • The nested if statement
			• Repetition of Tasks-A Necessity
			• The range() function
			• Iteration/Looping Statements
			  • The for loop
			  • The while loop
				Q2. A store charges RS 120 per item if you buy less than 10 items .if you buy between 10 and 99 items ,the cost is RS100 per item . if you buy more items , the cost is RS 70 the user how many items they are buying and print the total cost .
				
				Q3. Write a program to input length of three side of a triangle . then check if these side will form a triangle or not .
					Students will learn and use:-
					
					• Types of Statements in Python
					• Statement Flow Control
					• The if Statements of Python
					  • The if Statement
					  • The if-else Statement
					  • The if-elif statement
					  • The nested if statement
					• Repetition of Tasks-A Necessity
					• The range() function
					Iteration/Looping

				Q1. Write a program to increment the elements of a list with a number. Q2. Write a program that reverses a list of integers (in place). Q 3. Write a program that input two lists and	

				create a third , that contains all elements of the first followed by all elements of the second .	

	Ch-6 List Manipuation		•
			 • Introduction
			 • Creating and accessing lists
			  • Creating lists
			  • Accessing lists
			 • List operations
			  • Joining lists
			  • Repeating or replicating lists
			  • Slicing the lists
			 • Making True copy of a list
			 • List functions and methods
			  • A list can contain lists as elements
			 • Working with lists (List Manipulation)
			  • Appending elements of a list
			  • Inserting an element in a list
			  • Modifying/updating elements to a list
			  • Deleting an element from a list
			 Sorting a list
					Students will be able for:
					
					 • Creating and accessing lists
					  • Creating lists
					  • Accessing lists
					 • List operations
					  • Joining lists
					  • Repeating or replicating lists
					  • Slicing the lists
					 • Making True copy of a list
					 • List functions and methods
					  • A list can contain lists as elements
					 • Working with lists (List Manipulation)

AUGUST	**Ch-7 Dictionaries**	23	• Introduction
			 • Dictionary-Key:Value Pairs
			  • Creating dictionary
			  • Accessing elements of a dictionary
			  • Characteristics of a
				Q1. Write a program to enter names of employees and their salaries as input and store them in a dictionary.
				
				 Q2. Write a program to count the number of times a character appears in a given string.
					Students will learn:-
					
					 • Dictionary-Key:Value Pairs
					  • Creating dictionary
					  • Accessing elements of a dictionary

			dictionary	Q3. Write a program to convert a number entered by the user into its corresponding number in words.	• Characteristics of a dictionary
			• Working with dictionaries		• Working with dictionaries
			• Multiple ways of creating dictionaries		• Multiple ways of creating dictionaries
			• Adding elements to dictionary	Q4. Repeatedly ask the user to enter a team name and how many games the team has won and how many they lost. Store this information in a dictionary where the keys are the team names and the values are list of the form [wins, losses].(a) Using the dictionary created above, allow the user to enter a team name and print out the team's winning percentage.(b) Using dictionary, create a list whose entries are the number of wins of each team.(c) Using the dictionary, create a list of all those teams that have winning records.	• Adding elements to dictionary
			• Updating/modifying existing elements in a dictionary		• Updating/modifying existing elements in a dictionary
			• Deleting elements from a dictionary		• Deleting elements from a dictionary
			• Checking for existence of a key		• Checking for existence of a key
			• Pretty printing a dictionary		
			• Dictionary Functions and Methods		
			• Get length of the dictionary-the len() functions		
			• Creating new dictionary-the dict() function		
			• Accessing items, keys and values-ger(), items(), keys(), values() methods		
			• Extend/update dictionary with new key:value pairs: update() method		
			• Deleting elements from dictionary- clear() and del		
SEPTEMBER	**Ch-8 Database Concepts**	21	• Introduction	Q 1. Create the table Department table based on the following table instance chart.	Students will learn:-
			• File based systems		
			• Introducing Database Systems		• Database Management System (DBMS)
			• Database Management System (DBMS)		• Converting from file system to DBMS
			• Converting from file system		• DBMS key concepts

| | | | to DBMS
• DBMS key concepts
• Relational Database Model
• The Relational Model Terminology
• Properties of a relation
• Keys in Database
• Brief history of MySQL
• Starting MySQL
• MySQL and SQL
• Processing Capabilities
Classification of SQL Statements |

Q 2. Populate the table Department with data from table dept. Including only required columns.

 | • Relational Database Model
• The Relational Model Terminology
• Properties of a relation
• Keys in Database
Brief history of MySQL |
| OCTOBER | **Ch-9 Structured Query Language (SQL)** | 19 | • Introduction
• Some MySQL SQL Elements
• Literals
• Data Type
• Null Value
• Comments
• SQL Command Syntax
• Databases in MySQL
• Crating Databases
• Opening Databases
• Removing Databases
• Creating Tables
• Data Integrity Through Constraints
• Inserting Data in Tables
• INSERT INTO command
• Inserting Data from Another Table
• Making simple select queries
• Accessing Database
• The SELECT Command
• Selecting all columns | Q 1. Create the table Employee based un the following table instance chart.

Q 2. Create table Customer as per following Table Instance Chart. | Students will learn:-

• SQL Command Syntax
• Databases in MySQL
• Crating Databases
• Opening Databases
• Removing Databases
• Creating Tables
• Data Integrity Through Constraints
• Inserting Data in Tables
• INSERT INTO command
• Inserting Data from Another Table
• Making simple select queries
• Accessing Database
• The SELECT Command
• Selecting all columns
• Reordering columns in |

				- Reordering columns in query results - Eliminating redundant data (with keyword DISTINCT) - Selecting from all the rows-all keyword - How to perform simple calculations - Scalar expressions with selected fields - Using column aliases - Handling Nulls - Putting Text in the Query Output - Selecting specific rows-Where clause - Relational operators - Logical operators - Condition based on a range - Condition based on a list - Condition based on pattern matches - Searching for NULL - Operator precedence - Sorting results-ORDER BY clause - More DML Commands - Modifying Data with UPDATE command - Deleting Data with DELETE Command - More DDL Commands - ALTER TABLE Command - The DROP Table Command		- query results - Eliminating redundant data (with keyword DISTINCT) - Selecting from all the rows-all keyword - How to perform simple calculations

NOVEMBER	**Ch-10 Emrging Trends**	22	• Introduction
			• Artificial Intelligence
			  • Immersive Experience with Extended Reality (XR)
			  • Machine Learning (ML)
			  • Natural Language Processing (NLP)
			• Robotics
			• Big Data
			  • Characteristics of Bif Data
			  • Data Analytics
			• Internet of Things (IoT)
			  • Web of Things (WoT)
			  • Sensors
			  • Smart Cities
			• Cloud Computing
			• Grid Computing
			• Blockchain Technology
			  • Blockchain technology keyterms
			  • How blockchain technology works
				PPT on Emerging trends in IT	Students will learn:-
					
					• Immersive Experience with Extended Reality (XR)
					• Machine Learning (ML)
					• Natural Language Processing (NLP)
					• Robotics
					• Big Data
					  • Characteristics of Bif Data
					  • Data Analytics
					• Internet of Things (IoT)
					  • Web of Things (WoT)
					  • Sensors
					  • Smart Cities
					• Cloud Computing
					• Grid Computing
					• Blockchain Technology
					  • Blockchain technology keyterms
					  • How blockchain technology works

DECEMBER	• Revision				
JANUARY	Revision and Final Practical Exam				
FEBRUARY	Annual Exam				
MARCH					