

VIDYA NIKETAN
SYLLABUS FOR 2023-2024
CLASS XII

SUBJECT	UNIT I	HALF YEARLY	PREBOARD
ENGLISH LANGUAGE	> DIRECTED WRITING (ARTICLE, REPORT & REVIEW) > PROPOSAL WRITING >FUNCTIONAL GRAMMAR (TENSES, REPORTED SPEECH, PREPOSITION & PHRASAL VERB, ACTIVE PASSIVE, CONDITIONAL SENTENCES)	>COMPOSITION (NARRATIVE, STORY, REFLECTIVE, EXPOSITORY, DESCRIPTIVE, ARGUMENTATIVE) > DIRECTED WRITING (ARTICLE, REPORT, REVIEW) > PROPOSAL WRITING >FUNCTIONAL GRAMMAR (ALL) >COMPREHENSION	>AS PRESCRIBED BY CISCE
ENGLISH LITERATURE	PROSE : 1.THE STORY OF AN HOUR 2.THE SINGING LESSON POEM : 1.THE DARKLING THRUSH 2. BIRCHES TEMPEST- ACT III SCENE I ,II,III.	PROSE : 1.THE STORY OF AN HOUR 2.THE SINGING LESSON 3.FRITZ 4.B. WORDSWORTH POEMS: 1.THE DARKLING THRUSH 2. BIRCHES 3.THE DOLPHINS 4. DOVER BEACH TEMPEST ACT III ACT IV	>AS PRESCRIBED BY CISCE
BENGALI	<u>LITERATURE</u> GODYANSHO-6.BIRJOSULKA,7.ADAB PODYANSHO-6.BABORER PRATHONA, 7.JODI NIRBASAN DAO. <u>LANGUAGE</u> VYAKARAN	<u>LITERATURE-</u> GODYANSHO-6.BIRJOSULKA, 7.ADAB,8.LOCHMONER MA. 9.SKTI TULSIGACHER KAHINI. KOBITA-6. BABORER PROTHONA, 7.JODI NIRBASAN DAO, 8.RASTA KARO AKARNOY, 9.SADHINOTA TUMI. NATOK-MUKUT <u>LANGUAGE-</u> *ROCHONA *BODH PORIKHKHON *VYAKARAN	>AS PRESCRIBED BY CISCE
HINDI	KAVYA MANJARI CH-6 TULSI KE PAD CH-7 JAG TUJKO DUR JANA HAI GADHYA SANKALAN CH-6 DASI CH-7 KAY NIRASH HUA JAY AASHAR KA EK DIN ANK TIN	LANGUAGE *NIBANDH *APATHIT GADYANSH *VYAKARAN KAVYA MANJARI CH-6 TULSI KE PAD CH-7 JAG TUJKO DUR JANA HAI CH-8 UDHAMI NAR GADHYA SANKALAN CH-6 DASI CH-7 KYA NIRASH HUA JAY CH-8 BHAKTIN AASHAR KA EK DIN ANK TIN	>AS PRESCRIBED BY CISCE

MATHS	SECTION - A I) INVERSE TRIGONOMETRIC FUNCTIONS II) MATRICES III) DETERMINANTS IV) CONTINUITY SECTION – B V) VECTORS SECTION – C VI) APPLICATION OF CALCULUS	SECTION - A I) RELATIONS AND FUNCTIONS II) INVERSE TRIGONOMETRIC FUNCTIONS (REVISION) III) MATRICES (REVISION) IV) DETERMINANTS (REVISION) V) CONTINUITY (REVISION) VI) DIFFERENTIATION VII) EQUATION OF TANGENT AND NORMAL VIII) RATE MEASURE IX) INTEGRALS SECTION – B VII) VECTORS (REVISION) SECTION – C VIII) APPLICATION OF CALCULUS (REVISION)	>AS PRESCRIBED BY CISCE
ECONOMICS	CH-2. DEMAND AND LAW OF DEMAND CH-3. THEORY OF CONSUMER BEHAVIOUR CH-4. ELASTICITY OF DEMAND CH-5. SUPPLY	CH-2. DEMAND AND LAW OF DEMAND CH-3. THEORY OF CONSUMER BEHAVIOR CH-4. ELASTICITY OF DEMAND CH-5. SUPPLY CH-6. MARKET MECHANISM CH-7. LAWS OF RETURN CH-8. COST AND REVENUE ANALYSIS CH -9 FORMS OF MARKET CH-13. MONEY CH-14. BANKS CH-15. BALANCE OF PAYMENTS	>AS PRESCRIBED BY CISCE
PHYSICS	1. ELECTROSTATICS 2. 2. CURRENT ELECTRICITY 3. . OPTICS – RAY OPTICS & OPTICAL INSTRUMENTS 4. 4. ATOMS & NUCLEI	●UNIT -I (FULL) 5. MAGNETIC EFFECT OF CURRENT & MAGNETISM 6. ELECTROMAGNETIC WAVES 7. 8. OPTICS WAVE OPTICS	>AS PRESCRIBED BY CISCE
CHEMISTRY	CH- 1: SOLID STATE CH-9:CO-ORDINATION COMPOUNDS CH- 2: SOLUTIONS CH-10:HALOALKANES AND HALOARENES	CH- 1: SOLID STATE CH- 2:SOLUTIONS CH- 3: ELECTROCHEMISTRY CH- 6: GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF ELEMENTS CH-8:D AND F -BLOCK ELEMENTS CH-9:CO-ORDINATION COMPOUNDS CH-10: HALOALKANES AND HALOARENES CH-11: ALCOHOLS, PHENOLS AND ETHER	>AS PRESCRIBED BY CISCE
BIOLOGY	REPRODUCTION:	CH-3 HUMAN REPRODUCTION CH-4 REPRODUCTIVE HEALTH	>AS PRESCRIBED BY CISCE

	<p>CH-2 SEXUAL REPRODUCTION IN FLOWERING PLANTS</p> <p>GENETICS AND EVOLUTION:</p> <p>CH-5 PRINCIPLES OF INHERITANCE AND VARIATION</p> <p>CH-6 MOLECULAR BASIS OF INHERITANCE</p>	<p>CH-8 HUMAN HEALTH AND DISEASES</p> <p>CH-11 BIOTECHNOLOGY - PRINCIPLES AND PROCESSES GENETIC ENGINEERING (RECOMBINANT DNA TECHNOLOGY).</p> <p>CH-13 ORGANISMS AND POPULATIONS</p> <p><u>NOTE: INCLUDING UNIT TEST SYLLABUS</u></p>	
COMPUTER SCIENCE	<p>SECTION – A</p> <p>CH-1.BOOLEAN ALGEBRA</p> <p>SECTION – B</p> <p>CH-3.OBJECTS AND CLASSES</p> <p>CH-4. JAVA REVISION TOUR</p> <p>CH-5.PRIMITIVE VALUES,TYPE CASTING AND EXPRESSION</p> <p>CH-6. STATEMENTS CONTROL STRUCTURE AND SCOPE</p> <p>SECTION – C</p> <p>CH-12. CONCEPT OF INHERITANCE</p>	<p>SECTION – A</p> <p>● UNIT – I(FULL)</p> <p>CH-2 COMPUTER HARDWARE</p> <p>SECTION – B</p> <p>●UNIT – II(FULL)</p> <p>CH-7. FUNCTIONS/METHODS</p> <p>CH-8. ARRAY AND STRING</p> <p>CH-11. RECURSION</p> <p>SECTION – C</p> <p>● UNIT – I(FULL)</p> <p>CH-13. SIMPLE DATA STRUCTURE</p>	AS PRESCRIBED BY CISCE
ACCOUNTS	<p>PART – I</p> <p>CH – 1 PARTNERSHIP ACCOUNTS – FUNDAMENTALS</p> <p>CH – 2 GOODWILL</p> <p>CH – 3 ADMISSION OF A PARTNER</p> <p>CH -4 RETIREMENT OF A PARTNER</p> <p>CH – 5 DEATH OF A PARTNER</p>	<p>PART – I</p> <p>CH – 1 PARTNERSHIP ACCOUNTS – FUNDAMENTALS</p> <p>CH – 2 GOODWILL</p> <p>CH – 3 ADMISSION OF A PARTNER</p> <p>CH -4 RETIREMENT OF A PARTNER</p> <p>CH – 5 DEATH OF A PARTNER</p> <p>CH – 6 DISSOLUTION OF A PARTNERSHIP FIRM</p> <p>PART – II</p> <p>CH -1 FINANCIAL STATEMENT ANALYSIS</p> <p>CH -2 COMPARATIVE STATEMENTS AND COMMON SIZE STATEMENT</p> <p>CH -4 RATIO ANALYSIS</p>	>AS PRESCRIBED BY CISCE
BUSINESS STUDIES	<p>CH-1. INTRODUCTION TO HUMAN RESOURCE MANAGEMENT</p> <p>CH- 2. JOB ANALYSIS AND MANPOWER PLANNING</p> <p>CH -3. STAFF RECRUITMENT</p> <p>CH- 4. STAFF SELECTION</p> <p>CH- 5 STAFF TRAINING</p> <p>CH -6. STAFF MORALE</p>	<p>CH-1. INTRODUCTION TO HUMAN RESOURCE MANAGEMENT</p> <p>CH- 2. JOB ANALYSIS AND MANPOWER PLANNING</p> <p>CH -3. STAFF RECRUITMENT</p> <p>CH- 4. STAFF SELECTION</p> <p>CH- 5 STAFF TRAINING</p> <p>CH -6. STAFF MORALE</p> <p>CH-7. STAFF MOTIVATION</p> <p>CH-8. STAFF REMUNERATION</p>	>AS PRESCRIBED BY CISCE

		CH- 9.STAFF LEADERSHIP CH -10 STAFF APPRAISAL	
COMMERCE	<p>1.Business Environment Chapter 1: Business Environment Concept, and importance of Business Environment. Meaning, features and importance of Business Environment; Dimensions of Business Environment – Micro (Internal and External factors) and Macro (Economic, social, technological, political and legal) – meaning and components. S.W.O.T. Analysis - A basic understanding of S.W.O.T. (Strength, Weakness, Opportunity and Threat) Analysis.</p> <p>2.Financing Chapter 2 : (i) Capital: Sources of finance for sole trader; partnership; Joint Stock Company; financial planning. Importance of finance for business. Sources of finance for different types of business firms. Meaning, features and importance of financial planning. Factors affecting capital structure. Fixed capital - meaning, factors affecting fixed capital. Working capital – meaning, types; factors affecting working capital. Comparison between fixed and working capital. Chapter 3 (ii)Sources of finance for a Joint Stock Company. (a)Different types of shares: equity, preference. Bonus shares, rights issue, ESOP, Sweat Equity Shares, Retained earnings. Long-term sources of funds. Equity shares - features, advantages and disadvantages. Preference shares - features, types advantages and</p>	<p>1.Business Environment Chapter 1: Business Environment Concept, and importance of Business Environment. Meaning, features and importance of Business Environment; Dimensions of Business Environment – Micro (Internal and External factors) and Macro (Economic, social, technological, political and legal) – meaning and components. S.W.O.T. Analysis - A basic understanding of S.W.O.T. (Strength, Weakness, Opportunity and Threat) Analysis.</p> <p>2.Financing Chapter 2 : (i) Capital: Sources of finance for sole trader; partnership; Joint Stock Company; financial planning. Importance of finance for business. Sources of finance for different types of business firms. Meaning, features and importance of financial planning. Factors affecting capital structure. Fixed capital - meaning, factors affecting fixed capital. Working capital – meaning, types; factors affecting working capital. Comparison between fixed and working capital. Chapter 3 (ii)Sources of finance for a Joint Stock Company. (a)Different types of shares: equity, preference. Bonus shares, rights issue, ESOP, Sweat Equity Shares, Retained earnings. Long-term sources of funds. Equity shares - features, advantages and disadvantages. Preference shares - features, types advantages and disadvantages; distinction between equity shares and preference Bonus and rights issue, ESOP and Sweat Equity</p>	>AS PRESCRIBED BY CISCE

	<p>disadvantages; distinction between equity shares and preference Bonus and rights issue, ESOP and Sweat Equity Shares - meaning. Distinction between bonus shares and right shares. Retained earnings – meaning, merits and demerits. (b)Loan capital: debentures. Debentures – meaning; kinds of debentures; advantages and disadvantages of debentures. Distinction between shares and debentures. (c)Loans from commercial banks and Financial Institutions. Loans from commercial banks and Financial Institutions - meaning, advantages and disadvantages. (d)Short-term sources of funds. Short-term sources of funds – different types of short-term financial assistance by Commercial Banks; public deposits, trade credit, customer advances, factoring, Inter corporate deposits and installment credit. Meaning, advantages and disadvantages of various sources of funds.</p> <p>Chapter 4: (iii)Banking - latest trends. Online services- transfer of funds through Real Time Gross Settlement (RTGS), National Electronic Funds Transfer (NEFT), Immediate Payment Service (IMPS), issue of demand drafts online meaning and features. Online payments, e-Banking – meaning and features, advantages and disadvantages. Mobile Banking - SMS alerts, transfer of funds, making payments - advantages and disadvantages. Debit Cards vs Credit Cards, ATM (Automated Teller Machine) – Meaning; Debit card and credit card: features</p>	<p>Shares - meaning. Distinction between bonus shares and right shares. Retained earnings – meaning, merits and demerits. (b)Loan capital: debentures. Debentures – meaning; kinds of debentures; advantages and disadvantages of debentures. Distinction between shares and debentures. (c)Loans from commercial banks and Financial Institutions. Loans from commercial banks and Financial Institutions - meaning, advantages and disadvantages. (d)Short-term sources of funds. Short-term sources of funds – different types of short-term financial assistance by Commercial Banks; public deposits, trade credit, customer advances, factoring, Inter corporate deposits and installment credit. Meaning, advantages and disadvantages of various sources of funds.</p> <p>Chapter 4: (iii)Banking - latest trends. Online services- transfer of funds through Real Time Gross Settlement (RTGS), National Electronic Funds Transfer (NEFT), Immediate Payment Service (IMPS), issue of demand drafts online meaning and features. Online payments, e-Banking – meaning and features, advantages and disadvantages. Mobile Banking - SMS alerts, transfer of funds, making payments - advantages and disadvantages. Debit Cards vs Credit Cards, ATM (Automated Teller Machine) – Meaning; Debit card and credit card: features and differences. Digital Banking, UPI, E-Wallet (Meaning only).</p> <p>3.Management Chapter 5: (i)Management: Meaning, objectives and characteristics of management. Meaning of Management: as an activity; as a group; as a</p>	
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	<p>and differences. Digital Banking, UPI, E-Wallet (Meaning only).</p> <p>3.Management</p> <p>Chapter 5: (i)Management: Meaning, objectives and characteristics of management. Meaning of Management: as an activity; as a group; as a discipline; as a process. Objectives and characteristics of management. (ii)Nature of Management – Science, Art and Profession. (iii)Importance of Management. Levels of management- Meaning and functions.</p> <p>Chapter 6: (iv)Principles of Management: nature of principles; need for principles. Nature of principles of Management; need for principles of management; Taylor’s 5 scientific principles of Management; Fayol’s 14 principles of Management; Comparison of Taylor’s and Fayol’s principles.</p>	<p>discipline; as a process. Objectives and characteristics of management. (ii)Nature of Management – Science, Art and Profession. (iii)Importance of Management. Levels of management- Meaning and functions.</p> <p>Chapter 6: (iv)Principles of Management: nature of principles; need for principles. Nature of principles of Management; need for principles of management; Taylor’s 5 scientific principles of Management; Fayol’s 14 principles of Management; Comparison of Taylor’s and Fayol’s principles.</p> <p>Chapter 7: (v)Functions of Management: Planning; Organising; Staffing; Directing; Controlling and Coordinating.</p> <p>Chapter 8: (a)Planning: Meaning, steps, importance & limitation; Types of plans; Objectives, policy, procedures, method, rule, budget, program and strategy- meaning and features.</p> <p>Chapter 9: (b)Organising: Meaning, importance, steps; Structure of organization (functional and divisional; formal and informal organization) – Meaning, features, merits, demerits and differences between functional and divisional, formal and informal; Meaning and importance of delegation of authority; Decentralization v/s Centralization, comparison between delegation and decentralization, merits and demerits.</p> <p>Chapter 10: (c)Staffing: Meaning, steps and importance; Recruitment – Meaning and sources (meaning only); Selection –Meaning and procedure; Training and development – Meaning, types of training, difference between</p>	
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