

ST.MARY'S SENIOR SECONDARY SCHOOL, RUDRAPUR**ANNUAL SYLLABUS STD.XI COMMERCE (2024-25)****ENGLISH CORE (301)**

MONTH	CHAPTER NO.	CHAPTER NAME
April	Writing skill Hornbill 1 Snapshot	Advertisement Writing The Portrait of a Lady The Summer of the beautiful white horse
May	Poetry 1 Hornbill Writing Skill	A Photograph Discovering Tut PT—1 Poster
July	Snapshot 2 Hornbill 3 Poetry 2	We're not afraid to die The Address The Laburnum Top
August	Poetry 3 Writing Grammar	The Voice of the Rain Speech Integrated Grammar P.T II
September	(play) Snap. 5 Snap. 7 Hornbill 7	Mother's Day Birth The Adventure Clauses Half Yearly Examination
October	Hornbill 8 Poetry 4 Poetry 5	Silk Road Father to Son PT--III
November	Writing Poem Writing	Debate Childhood Note-Making
December	Unseen Passages Revision	Comprehension Writing Tasks P.T III
January	Snap. 8	The Tale of Melon City Revision
February		Annual Examination

BUSINESS STUDIES (054)

SL. NO.	MONTH	CHAPTER NO. & NAME	TOPICS
1.	April	Unit – 1 Nature and Purpose of Business Unit - 2 Forms of Business organizations	<ul style="list-style-type: none"> • 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 • Business – meaning, characteristics and objectives • Business, profession and employment • Classification of business activities • Business risk • Sole Proprietorship • Partnership • Hindu Undivided Family • Cooperative Societies
2.	May	PERIODIC TEST -1	
		Unit - 2 Forms of Business organizations	<ul style="list-style-type: none"> • Company – Merits, Demerits, types • Formation of company • Choice of form of business organization
SUMMER BREAK			
3.	July	Unit - 3 Public, Private and Global Enterprises Unit - 4 Business Services	<ul style="list-style-type: none"> • Public sector and private sector • Forms of public sector enterprises: Departmental Undertakings, Statutory Corporations and Government Company • Global Enterprises • Joint venture • Public private partnership • Business services – meaning and types. • Banking: Types of bank accounts • Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. E-Banking: meaning, types of digital payments • Insurance • Postal Service
Ni4.	August	Unit - 5 Emerging Modes of Business	<ul style="list-style-type: none"> • E - business: concept, scope and benefits
		PERIODIC TEST -2	
		Unit - 6 Social Responsibility of Business and Business Ethics	<ul style="list-style-type: none"> • Concept of social responsibility • Responsibility towards owners, investors, consumers, employees, government and community • Role of business in environment protection • Business Ethics - Concept and Elements
5.	September	HALF YEARLY	
		Unit – 7 Sources of Business Finance	<ul style="list-style-type: none"> • Concept of business finance • Owners’ funds- equity shares, preferences share, retained earnings • Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD)

		Unit – 8 Small Business and Enterprises	<ul style="list-style-type: none"> • Entrepreneurship Development
6.	October	PERIODIC TEST –3	
		Unit – 8 (Contd.) Small Business and Enterprises	<ul style="list-style-type: none"> • Small scale enterprise • Government schemes and agencies for small scale industries
7.	November	Unit – 9 Internal Trade	<ul style="list-style-type: none"> • Internal trade - meaning and types • Types of retail-trade-Itinerant • Large scale retailers • Goods and Services Tax (GST)
8.	December	PERIODIC TEST –4	
		Unit – 10 International Trade	<ul style="list-style-type: none"> • International trade: concept and benefits • Export trade • Import Trade • Documents involved in International Trade • World Trade Organization (WTO)
WINTER BREAK			
9.	January	REVISION	
10.	February	ANNUAL EXAM	

ST. MARY'S SENIOR SECONDARY SCHOOL, RUDRAPUR
ANNUAL SYLLABUS OF ACCOUNTANCY (055) STD. XI FOR 2024-25

MONTH	CHAPTER/TOPIC	LEARNING OUTCOME
APRIL	Introduction to Accounting <ul style="list-style-type: none"> • 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. • 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) Theory Base of Accounting <ul style="list-style-type: none"> • Fundamental accounting assumptions: GAAP: Concept • Basic Accounting Concept : Business Entity, Money Measurement, Going 	describe the meaning, significance, objectives, advantages and limitations of accounting in the modern economic environment with varied types of business and non-business economic entities. • identify / recognise the individual(s) and entities that use accounting information for serving their needs of decision making. • explain the various terms used in accounting and differentiate between different related terms like current and non-current, capital and revenue. • give examples of terms like business transaction, liabilities, assets, expenditure and purchases. • explain that sales/purchases include both cash and credit sales/purchases relating to the accounting year. differentiate among income, profits and gains. • state the meaning of fundamental accounting assumptions and their relevance in accounting. • describe the meaning of accounting assumptions and the situation in which an assumption is applied during the accounting process. • explain the meaning, applicability, objectives, advantages and limitations of accounting standards. • appreciate that various accounting standards developed nationally and globally are in practice for bringing parity in the accounting treatment of different items. • acknowledge the fact that recording of accounting transactions follows double entry system. • explain the bases of recording accounting transaction and to appreciate that accrual basis is a better basis for depicting the correct financial position of an enterprise. • Explain the meaning, advantages and characteristic of GST. Explain the concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and a negative effect on another item on the same side of accounting equation. • explain the effect of a transaction

	<p>Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, • Materiality and Objectivity • System of Accounting. Basis of Accounting: cash basis and accrual basis • Accounting Standards: Applicability of Accounting Standards (AS) and Indian Accounting Standards (IndAS) • Goods and Services Tax (GST): Characteristics and Advantages.</p> <p>Recording of Business Transactions • Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit. • Recording of Transactions: Books of Original Entry- Journal • 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 Note: Including trade discount, freight and cartage expenses for simple GST calculation. • Ledger: Format, Posting from journal and subsidiary books, Balancing of accounts</p>	<p>(increase or decrease) on the assets, liabilities, capital, revenue and expenses</p> <ul style="list-style-type: none"> • appreciate that on the basis of source documents, accounting vouchers are prepared for recording transaction in the books of accounts. • develop the understanding of recording of transactions in journal and the skill of calculating GST. • explain the purpose of maintaining a Cash Book and develop the skill of preparing the format of different types of cash books and the method of recording cash transactions in Cash book
LY	<p>PERIODIC TEST 1 Bank Reconciliation Statement: • Need and preparation, Bank Reconciliation Statement</p>	<p>Describe the method of recording transactions other than cash transactions as per their nature in different subsidiary books . • appreciate that at times bank balance as indicated by cash book is different from the bank balance as shown by the pass book / bank statement and to reconcile both the balances, bank reconciliation statement is prepared. • develop understanding of preparing bank reconciliation statement.</p>
LY	<p>Depreciation, Provisions and Reserves • Depreciation: Meaning, Features, Need, Causes, factors • Other similar terms: Depletion and Amortisation • Methods of Depreciation: i. Straight Line Method (SLM) ii. Written Down Value Method (WDV) Treatment of disposal of asset •</p>	<p>To understand the necessity of depreciation and develop the skill of using different methods for computing depreciation. • understand the accounting treatment of providing depreciation directly to the concerned asset account or by creating provision for depreciation account. • appreciate the method of asset disposal through the concerned asset account or by preparing asset disposal account. • appreciate the need for creating reserves. Appreciate the need for creating reserves.</p>

	Provisions, Reserves, Difference Between Provisions and Reserves. • Types of Reserves: i. Revenue reserve ii. Capital reserve iii. General reserve iv. Specific reserve v. Secret Reserve • Difference between capital and revenue reserve	
AUGUST	Trial balance and Rectification of Errors • Trial balance: objectives, meaning and preparation (Scope: Trial balance with balance method only) • Errors: classification-errors of omission, commission, principles, and compensating; their effect on Trial Balance. • Detection and rectification of errors; (i) Errors which do not affect trial balance (ii) Errors which affect trial balance • preparation of suspense account. PERIODIC TEST 2	State the need and objectives of preparing trial balance and develop the skill of preparing trial balance. • appreciate that errors may be committed during the process of accounting. • understand the meaning of different types of errors and their effect on trial balance
SEPTEMBER	HALF YEARLY EXAMINATION	----
OCTOBER	PERIODIC TEST 3 Financial Statements Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue expenditure. Opening journal entry. Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation. Balance Sheet: need, grouping and marshalling of assets and liabilities. Preparation. Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss, Goods taken for personal use/staff welfare, interest on capital and managers commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments.	state the meaning of financial statements the • purpose of preparing financial statements. • state the meaning of gross profit, operating profit and net profit and develop the skill of preparing trading and profit and loss account. • explain the need for preparing balance sheet. • understand the technique of grouping and marshalling of assets and liabilities. • appreciate that there may be certain items other than those shown in trial balance which may need adjustments while preparing financial statements. • develop the understanding and skill to do adjustments for items and their presentation in financial statements like depreciation, closing stock, provisions, abnormal loss etc. • develop the skill of preparation of trading and profit and loss account and balance sheet.
NOVEMBER	Incomplete Records Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method.	To furnish Profit and loss account and Statement of Affairs of a firm managing single entry system
DECEMBER	PERIODIC TEST 4	----
JANUARY	Project Preparation	----
FEBRUARY	ANNUAL EXAMINATION	----

SUBJECT – ECONOMICS

MONTH	CHAPTER NAME AND DETAILED SYLLABUS
APRIL	<i>Unit 1: Introduction to statistics</i> <i>Unit 4: Introduction to microeconomics</i> <i>Unit 5: Consumer's Equilibrium and Demand</i>
MAY	PERIODIC TEST – 1 <i>Unit 3: Statistical Tools and Interpretation</i> Measures of Central Tendency – Arithmetic mean, median and mode. <i>Unit 2: Collection, Organization and Presentation of data</i> <i>Unit 5: Consumer's Equilibrium and Demand</i>
JULY	<i>Unit 6: Producer Behaviour and Supply</i>
AUGUST	PERIODIC TEST 2 Unit 3: Statistical Tools and Interpretation Correlation – Meaning and properties, scatter diagram; Measures of correlation – Pearson's method (two variables ungrouped data)
SEPTEMBER	HALF YEARLY EXAMINATION

OCTOBER	<p><i>Unit 3: Statistical Tools and Interpretation</i></p> <p><i>Introduction to Index Numbers – Meaning, types – wholesale price index, consumer price index, uses of index numbers; Inflation and index numbers.</i></p> <p>PERIODIC TEST 3</p>
NOVEMBER	<p><i>Unit 3: Statistical Tools and Interpretation</i></p> <p><i>uses of index numbers; Inflation and index numbers</i></p>
DECEMBER	<p>PERIODIC TEST 4</p> <p>Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications.</p>
JANUARY	Revision
FEBRUARY	ANNUAL EXAMINATION

PHYSICAL EDUCATION

MONTH	UNIT	TOPIC
APRIL	Changing trends and career in physical education.	<ul style="list-style-type: none"> ● Meaning & definition of physical education, Aims and objectives of physical education. ● Various career options and courses available in physical education. ● Importance of physical education and physical education programmed in India in post-independence. ● Advancement technology in sports in physical education. ● Meaning of Khelo India and fit India programme. ● Vision and objectives of Khelo India and fit India.

APRIL	Olympic value education	<ul style="list-style-type: none"> ● History of ancient and modern Olympic games. ● Describe summer and winter Olympic games. ● Rules of ancient Olympic and modern Olympic games. ● Olympic symbol, ideals, objectives and values of Olympism. ● Olympic movement structure-IOC, NOC, IFS, other members.
MAY	Yoga	<p style="text-align: center;">PERIODIC TEST-1</p> <ul style="list-style-type: none"> ● Meaning and importance of yoga. ● Introduction to astang yoga. ● Yogic kriyas 9shat karma). ● Pranayama and its types. ● Active lifestyle and stress management through yoga.
JULY	Unit VI Test & Measurement in Sport	<ul style="list-style-type: none"> ● Define test, measurement and evaluation. ● Importance of test, measurement and evaluation in sports. ● Calculation of BMI, waist- ratio, skin fold measurement (3-site). ● Somato (endomorph, mesomorph & ectomorph). ● Measurement of health-related fitness.
AUGUST	Unit VII fundamental of anatomy, physiology and kinesiology	<p style="text-align: center;">PERIODIC TEST-2</p> <ul style="list-style-type: none"> ● Definition and importance of anatomy and physiology in exercise and sports. ● Function of skeletal system, classification of bones, and types of joints. ● Properties and functions of muscles. ● Structure and functions of circulatory system and heart. ● Structure and functions of respiratory system.

<p>SEPTEMBER</p> <p>OCTOBER</p> <p>OCTOBER</p> <p>NOVEMBER</p>	<p>Unit VIII Biomechanics & Sports</p> <p>Unit IX Psychology & Sports</p> <p>Unit X Training and doping in Sports</p>	<ul style="list-style-type: none"> ● Definition and importance of kinesiology and biomechanics in sports. ● Principles of biomechanics. ● Kinetic and kinematic in sports. Types of body movement- flexion, extension, abduction, adduction, rotation circumduction, supination & pronation. ● Axis and planes- concept and its application in body movement. <p>Half yearly examination</p> <p>PERIODIC TEST-3</p> <ul style="list-style-type: none"> ● Definition and importance of psychology in physical education and sports. ● Developmental characteristics at different stages of development. ● Adolescent problems & their management. ● Team cohesion and sports. ● Introduction to psychological attributes: Attention, resilience, mental toughness. ● ● Concept and principles of sports training. ● Training load: over load, adaptation and recovery. ● Warming up & limbering down-types, method importance. ● Concept of skill, technique, tactics & strategies. ● Concept of doping and its disadvantages.
<p>DECEMBER</p> <p>JANUARY</p> <p>FEBRUARY</p>		<p>PERIODIC TEST-4</p> <p>REVISION</p> <p>FINAL EXAMINATION</p>

**XI SYLLABUS OF
MATHEMATICS 2024-25**

MONTH	CHAPTER TOPICS	ACTIVITY
APRIL	<p>Sets:Sets and their representations. Empty set. Finite and Infinite sets. Equal sets. Subsets. Subsets of a set of real numbers especially intervals (with notations). Power set. Universal set.</p> <p>Relations & Functions :Ordered pairs, Cartesian product of sets. Number of elements in the cartesian product of two finite sets. Cartesian product of the sets of real</p>	ACTIVITY ON PICTORIAL OF SETS
MAY	<p>3. Trigonometric Functions Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$ and their simple application. Deducing identities like the following</p> <p style="text-align: center;">UNIT TEST</p>	MATH ACTIVITY ON GRAPHS
JULY	<p>4. . Complex Numbers and Quadratic Equations: Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers..</p> <p>5. Permutations and Combinations Fundamental principle of counting</p>	PASCAL TRIANGLE
AUGUST	<p>7. Binomial Theorem History, statement and proof of the binomial theorem for positive integers</p> <p>6. Sequence and Series Sequence and Series. Arithmetic Progression (A.P.). Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., Arithmetic and Geometric</p> <p style="text-align: center;">UNIT TEST</p>	
SEPTEMBER	<p>Straight Lines: Brief recall of two dimensional geometry from earlier classes. Shifting of origin. Slope of a line and angle between two lines.</p> <p style="text-align: center;">HALF YEARLY EXAMINATION</p>	ACTIVITES BASED ON GENERATION OF CONIC SECTION

OCTOBER	<p>2. Conic Sections :Sections of a cone: circles, ellipse, parabola, hyperbola; a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.</p> <p>UNIT TEST</p>	Limits and their geometrical meaning,
NOVEMBER	<p>Limit and derivative</p> <p>Concept of Limits and Derivatives</p> <p>1. Statistics</p>	
DECEMBER	<p>Measures of dispersion; Range, mean deviation, variance and standard deviation of ungrouped/grouped data. Analysis of frequency distributions with equal means but different variances.</p> <p>UNIT TEST</p>	
JANUARY	<p>Conditional probability, multiplication theorem on probability. independent events, total probability, Baye's theorem, Random variable and its probability distribution</p> <p>REVISION OF CHAPTERS AND EXTRA QUESTIONS</p>	LAB ACTIVITY
FEBRUARY	FINAL EXAMINATION	

**Computer Science (Python 083) Syllabus-(2024-25)
Class XI (Theory+ Practical)**

Month	Chapter Name	Periods		Activity
		Theory	Practical	
April	➤ Computational Thinking and Programming-1	45	30	Boolean Logic and Test Quiz

July	➤ Computer Systems and Organisation	40	30	Make a Chart on Computer Generation
August	➤ Conditional Statement and Iteration in Python	10	10	Make a PPT to Explain IF_ELSE step by step
September	Half Yearly Exams			
October	➤ String and list in Python.	20	30	Super First Five. 15 Program Quiz
November	➤ Debugging in programming.			
December	➤ Tuples in Python. ➤ Dictionary in Python.	30	35	Python Programing File Creation. 25 Programs
January	➤ Society, Law and Ethics. ➤ Revisions ➤ File and Project Work	20	15	Project Work and Chart on Society, Law and Ethics on Internet.
February	Final Exams			

Information Technology (802) Syllabus-(2024-25)
Class XI (Theory+ Practical)

Month	Unit Name	Theory	Practical
April	Part-A Unit 1: Communication Skills-III	10	02
	Part-B Unit -1: Computer Organization		
May	Part-A Unit 2: Self-Management Skills-III	11	03
	Part-B Unit -2: Networking and Internet		
PERIODIC TEST 1ST			
July	Part-A Unit 3: ICT Skills-III Part-B Unit -2: Networking and Internet (cybercrime and the need of Cyber Security)	12	02
August	Part-B Unit-3: Office Automation Tools Part-A Unit 4: Entrepreneurial Skills-III	08	07

PERIODIC TEST 2 nd			
HALF YEARLY PRACTICAL			
September	Part-B Unit-4: RDBMS	04	02
	HALF YEARLY EXAMS		
October	Part-B Unit-4: RDBMS	06	08
	PERIODIC TEST 3 RD		
November	Part-B Unit-5: Fundamentals of Java Programming	06	08
	Part-A Unit 5: Green Skills-III		
December	Part-B Unit-5: Fundamentals of Java Programming	07	05
	PERIODIC TEST 4 th		
January	Practical File, Project Work Revision Work + Lab Visit	03	05
	ANNUAL EXAMINATION PRACTICAL		
February	ANNUAL EXAMINATION		

Change can be acceptable as per CBSE update.

YOGA(841) syllabus-(2024-25) Class XI (Theory+Practical)

MONTH	UNIT NAME
April	Part-A Unit-1:Communication Skill-III a- Methods of communication. b- communication styles. c- writing skills. Part-B Unit-1: Introduction to yoga and yogic practices-I a- yoga Etymology,definition, Aim, objective and misconception. b- Yoga origin, history and development.
May	Part-A Unit- 2 Self-management Skill-I a-Introduction. b- Impressive appearance and grooming. c- Teamwork skill d- Time management strategies and techniques. Part-B Unit-B- Introduction to yoga and yogic practices-I a- Rules and regulations to be followed by yoga practitioners. b- Introduction to major school of yoga. c- Introduction to yogic practices.
	PERIODIC TEST -1

July	<p>Part-A Unit- 3: ICT Skills-III a- introduction to word processing. b- software packages for word processing.</p> <p>Part-B Unit-2: Introduction to Yogic texts-I a- Introduction and study of patanjali yoga sutra including memorization of selected sutra. b- Introduction and study of Bhagavad Gita including memorization of selected slokas.</p>
August	<p>Part- B Unit-2: Introduction to Yogic texts-I a- Introduction of hatha pradpika.</p> <p>Part- A Unit- 3: ICT Skills-III a- Opening and exiting the word processor. b- Creating a document.</p>
	PERIODIC TEST -2
September	HALF YEARLY EXAMS
October	<p>Part-A Unit- 4: Entrepreneurial Skill-III a- Entrepreneurial skills. b- Types of business activities.</p> <p>Part-B Unit- 2: Introduction to Yogic texts-I a- Introduction and study of Gheranda samhita.</p>
	PERIODIC TEST -3
November	<p>Part-B Unit-3: Yoga for health promotion-I a- Brief introduction to the human body. b- Role of yoga for health promotion. c- Yogic attitudes and practices.</p> <p>Part-B Unit-4:Entrepreneurial Skill-III a- Entrepreneurial Values. b- Entrepreneurial Attitudes.</p>
December	<p>Part-A Unit-5: Green skill a-Introduction. b- Components of green economy c- Water management d- Policy initiatives for the green economy in india. e- Stakeholder in green economy and their role</p> <p>Part-B Unit-3: Yoga for health promotion-I a- Holistic approach of yoga towards health and diseases. b- Introduction to yoga diet and its relevance and importance in yoga Sadhana.</p>

	c- Dincharya and Ritucharya with respect of yogic lifestyle.
	PERIODIC TEST -4
January	Practical File/ project work Revision Work/ demonstration of skills.
February	ANNUAL EXAMINATION

