

Subject Wise Syllabus (Session: 2022-23) Class XII (Commerce)

First Unit Test		
English	Flamingo	1. The Last Lesson 2. Lost Spring
	Vistas	1. The Third Level 2. The Tiger King 3. Journey to the end of the Earth
	Poetry	1. My Mother at Sixty Six
	A.W. Skills	1. Advertisements 2. Notices 3. Posters 4. Invitations (Formal and Informal; and Replies)
	Reading Skills	1. Unseen Passages/Poems 2. Note making 3. Summarising
Maths	Ch-1. Relations and Functions: Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions, composite functions, inverse of a function. Domain range of function. Ch-2. Inverse Trigonometric Functions: Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions. Elementary properties of inverse trigonometric functions.	
Economics	Indian Economic Development	Unit 6: Development Experience (1947-90) and Economic Reforms since 1991: A brief introduction of the state of Indian economy on the eve of independence. Indian economic system and common goals of Five Year Plans. Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy, etc.), industry (IPR 1956: SSI- role and importance.) and foreign trade.
	Macro Economics	Unit 1: National Income and related aggregates: What is macro-economics? Some basic concepts: consumption goods, capital goods, final goods, intermediate goods; stocks and flows; gross investment and depreciation. Circular flow of income (two sector model) Methods of calculating National Income-Value Added or Product method, Expenditure method, Income method.
A/C	Part – A Chapter - 1: Accounting for Partnership Firms - Fundamentals <ul style="list-style-type: none"> • Partnership: features, Partnership Deed. • Provisions of the Indian Partnership Act 1932 in the absence of partnership deed. Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits. • Past adjustments (relating to interest on capital, interest on drawing, salary and profit sharing ratio). Note: Interest on partner's loan is to be treated as a charge against profits or by raising and writing off goodwill (AS 26). Chapter-2: Reconstitution of a Partnership Firm- Change in the Profit Sharing Ratio among the existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves and accumulated profits. Preparation of revaluation account and balance sheet. <ul style="list-style-type: none"> • Goodwill: nature, factors affecting and methods of valuation - average profit, super profit and capitalization. Note: Goodwill to be adjusted through partners capital/current account.	
B.Std.	Unit 1: Nature and Significance of Management: Management-concept, objectives, and importance: Concept includes meaning and features, Management as Science, Art and Profession Levels of Management, Management functions-planning, organizing, staffing, directing and controlling, Coordination- concept and importance.	

B.Std.	Unit 2: Principles of Management: Principles of Management- concept and significance, Fayol's principles of management, Taylor's Scientific management-principles and Techniques. Unit 3: Business Environment: Business Environment-concept and importance, Dimensions of Business Environment- Economic, Social, Technological, Political and Legal. Demonetization - concept and features. Impact of Government policy changes on business with special reference to liberalization, privatization and globalization in India.	
I.P.	Unit 2: Database Query using SQL : Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING() /SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by. Operations on Relations - Union, Intersection, Minus, Cartesian Product, JOIN (Cartesian Join, Equi Join, Natural Join)	
Phy. Edu.	Unit-I : Planning in Sports <ul style="list-style-type: none"> <input type="checkbox"/> Meaning & Objectives Of Planning <input type="checkbox"/> Various Committees & its Responsibilities (pre; during & post) <input type="checkbox"/> Tournament – Knock-Out, League Or Round Robin & Combination <input type="checkbox"/> Procedure To Draw Fixtures – Knock-Out (Bye & Seeding) & League (Staircase & Cyclic) <input type="checkbox"/> Intramural & Extramural – Meaning, Objectives & Its Significance <input type="checkbox"/> Specific Sports Programme (Sports Day, Health Run, Run For Fun, Run For Specific Cause & Run For Unity) Unit-II : Sports & Nutrition <ul style="list-style-type: none"> <input type="checkbox"/> Balanced Diet & Nutrition: Macro & Micro Nutrients <input type="checkbox"/> Nutritive & Non-Nutritive Components Of Diet <input type="checkbox"/> Eating For Weight Control – A Healthy Weight, The Pitfalls Of Dieting, Food Intolerance & Food Myths. 	
Max. Marks : 25		Min. Marks : 08
Time : 1.30 Hours		
Note for Exam. : Students will bring their next day's examination books and notebooks		

Second Unit Test		
English	Flamingo	3. Deep Water 4. The Rattrap
	Vistas	4. The Enemy 5. Should Wizard Hit Mommy 6. On the Face of It
	Poetry	2. An Elementary School Classroom in a Slum 3. Keeping Quiet
	A.W. Skills	5. Letters (a) Application for a job (b) Letter to the Editor (c) Business/Official letters
	Reading Skills	1. Unseen Passages/Poems 2. Note making 3. Summarising
Maths	Ch-3. Matrices: Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices; Addition, multiplication and scalar multiplication of matrices, simple properties of addition, multiplication and scalar multiplication. Non-commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Concept of elementary row and column operations. Invertible	

Subject Wise Syllabus (Session: 2022-23) Class XII (Commerce)

<p>Maths</p>	<p>matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries). Ch-4. Determinants: Determinant of a square matrix (up to 3 x 3 matrices), properties of determinants, minors, cofactors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix. Ch-5. Continuity and Differentiability: Continuity and differentiability, derivative of composite functions, chain rule, derivatives of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives. Rolle's and Lagrange's Mean Value Theorems (without proof) and their geometric interpretation. Ch-6. Applications of Derivatives: Applications of derivatives: rate of change of bodies, increasing/decreasing functions, tangents and normals, use of derivatives in approximation, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations).</p>	
<p>Economics</p>	<p>Indian Economic Development</p>	<p>Foreign trade. Economic reforms since 1991: Features and appraisals of liberalisation, globalisation and privatisation (LPG Policy); concepts of demonetization and GST. Unit 7: Current challenges facing Indian Economy Poverty- absolute and relative; Main programmes for poverty alleviation: A critical assessment; Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming</p>
	<p>Macro Economics</p>	<p>Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross and Net Domestic Product (GDP and NDP) - at market price, at factor cost; Real and Nominal GDP. GDP and Welfare. Unit 2: Money and Banking: Money - meaning and supply of money - Currency held by the public and net demand deposits held by commercial banks.</p>
<p>A/C</p>	<p>Part - A Chapter - 3: Admission of a partner - effect of admission of a partner on change in the profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, treatment of reserves and accumulated profits, adjustment of capital accounts and preparation of balance sheet. Chapter - 4: Retirement and death of a partner: effect of retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits and reserves, adjustment of capital accounts and preparation of balance sheet. Preparation of loan account of the retiring partner. Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account and his executor's account. Part -B Chapter - 1: Financial statements of a company: Statement of Profit and Loss and Balance Sheet in the prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013). Note: <i>Exceptional items, extraordinary items and profit (loss) from discontinued operations are excluded.</i> Chapter - 2: Financial Statement Analysis: Objectives,</p>	

<p>A/C</p>	<p>importance and limitations. Chapter-3: Tools for Financial Statement Analysis: Comparative statements, Practical Aspects. Chapter - 4: Common Size Statements - Practical Aspects</p>
<p>B.Std.</p>	<p>Unit 4: Planning: Concept, importance and limitation, Planning process, Single use and standing plans. Objectives, Strategy, Policy, Procedure, method Rule, budget and Programme. Unit 5: Organising: Concept and importance, Organising Process, Structure of organisation- functional and divisional concept. Formal and informal organisation- concept, Delegation: concept, elements and importance, Decentralization: concept and importance. Unit 6: 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- Induction training, vestibule training, apprenticeship training and internship training.</p>
<p>I.P.</p>	<p>Unit 1: Data Handling using Pandas and Data Visualization: Data Handling using Pandas -I Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames. Series: Creation of Series from - ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions; Selection, Indexing and Slicing. Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add (insert /append), select, delete (drop column and row), rename, Head and Tail functions, indexing using labels, Boolean indexing; joining, merging and concatenation of data frames. Importing/Exporting Data between CSV files and Data Frames. (for practicals only)</p>
<p>Phy. Edu.</p>	<p>Unit-III : Yoga & Lifestyle</p> <ul style="list-style-type: none"> <input type="checkbox"/> Asanas as preventive measures <input type="checkbox"/> Obesity: Procedure, Benefits & contraindications for Vajrasana, Hastasana, Trikonasana, Ardh Matsyendrasana <input type="checkbox"/> Diabetes: Procedure, Benefits & contraindications for Bhujangasana, Paschimottasana, Pavanuktasana, Ardh Matsyendrasana <input type="checkbox"/> Asthema: Procedure, Benefits & contraindications for Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottasana, Matsyasana <input type="checkbox"/> Hypertension: Tadasana, Vajrasana, Pavanuktasana, Ardha Chakrasana, Bhujangasana, Shavasana <input type="checkbox"/> Back Pain: Tadasana, Ardh Matsyendrasana, Vakrasana, Shalabhasana, Bhujangasana <p>Unit-IV: Physical Education & Sports for CWSN (Children with Special Needs-Divyang)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Concept of Disability & Disorder <input type="checkbox"/> Types of Disability, its causes & nature (cognitive disability, intellectual disability, physical disability) <input type="checkbox"/> Types of Disorder, its cause & nature (ADHD, SPD, ASD, ODD, OCD) <input type="checkbox"/> Disability Etiquettes <input type="checkbox"/> Advantage of Physical Activities for children with special needs <input type="checkbox"/> Strategies to make Physical Activities Accessible for children with special need. <p>Unit V Children & Women in Sports</p> <ul style="list-style-type: none"> <input type="checkbox"/> Motor development & factors affecting it <input type="checkbox"/> Exercise Guidelines at different stages of growth & Development

Subject Wise Syllabus (Session: 2022-23) Class XII (Commerce)

Phy. Edu.	□ Common Postural Deformities - Knock Knee; Flat Foot; Round Shoulders; Lordosis, Kyphosis, Bow Legs and Scoliosis and their corrective measures	
Max. Marks : 25	Min. Marks : 08	Time : 1.30 Hours
Note for Exam. : Students will bring their next day's examination books and notebooks		

First Term Exam (+1st Unit + 2nd Unit)		
English	Flamingo	5. Indigo 6. Poets and Pancakes
	Vistas	7. Evans Tries an O-Level
	Poetry	4. A Thing of Beauty 5. A Roadside Stand
	A.W. Skills	6. Article 7. Speech 8. Debate 9. Report
	Reading Skills	1. Unseen Passages/Poems 2. Note making 3. Summarising
Maths	<p>Ch-7. Integrals: Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Evaluation of simple integrals of the following types and problem based on them.</p> $\int \frac{dx}{x^2 \pm a^2}, \int \frac{dx}{\sqrt{x^2 \pm a^2}}, \int \frac{dx}{\sqrt{a^2 - x^2}}, \int \frac{dx}{ax^2 + bx + c}, \int \frac{dx}{\sqrt{ax^2 + bx + c}}$ $\int \frac{px + q}{ax^2 + bx + c} dx, \int \frac{px + q}{\sqrt{ax^2 + bx + c}} dx, \int \sqrt{a^2 \pm x^2} dx, \int \sqrt{x^2 - a^2} dx$ $\int \sqrt{ax^2 + bx + c} dx, \int (px + q)\sqrt{ax^2 + bx + c} dx$ <p>Definite integrals as a limit of a sum, Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals.</p> <p>Ch-8. Applications of the Integrals: Applications in finding the area under simple curves, especially lines, circles/parabolas/ellipses (in standard form only), Area between any of the two above said curves (the region should be clearly identifiable).</p> <p>Ch-9. Differential Equations: Definition, order and degree, general and particular solutions of a differential equation. Formation of differential equation whose general solution is given. Solution of differential equations by method of separation of variables, homogeneous differential equations of first order and first degree. Solutions of linear differential equation of the type: $\frac{dy}{dx} + py = q$, where p and q are functions of x or constant, $\frac{dx}{dy} + px = q$, where p and q are functions of y or constant.</p>	
Eco.	Indian Economic Development	Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India Employment: Growth and changes in workforce participation rate in Formal and informal sector, problems and policies.
	Macro Economics	Unit 2: Money and Banking: Money creation by the commercial banking system. Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement. Unit 3: Determination of
Eco		

	Macro Economics	<p>Income and Employment: Aggregate demand and its components. Propensity to consume and propensity to save (average and marginal). Short-run equilibrium output; investment multiplier and its mechanism. Meaning of full employment and involuntary unemployment. Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply.</p>
A/C		<p>Part – A Chapter – 5: Dissolution of a partnership firm: meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s)).</p> <p>Note: (i) The realized value of each asset must be given at the time of dissolution. (ii) In case, the realization expenses are borne by a partner, clear indication should be given regarding the payment thereof.</p> <p>Part – B Chapter – 5: Accounting Ratios: Objectives, classification and computation. Liquidity Ratios: Current ratio and Quick ratio. Solvency Ratios: Debt to Equity Ratio, Total Asset to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables, Turnover Ratio and Working Capital Turnover, Ratio. Profitability Ratios: Gross Profit Ratio, Operating, Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment. Chapter - 6: Cash Flow Statement : Meaning, objectives, classification of activities, preparation of Cash flow statement. (AS-4) apply for Proposed Dividend</p>
B.Std.		<p>Unit 7: Directing: Concept and importance, Elements of Directing, Supervision – concept, function of a supervisor, Motivation-concept, Maslow's hierarchy of needs, Financial and non financial incentives, Leadership- concept, styles- authoritative, democratic and laissez faire, Communication- concept, formal and informal communication; barriers to effective communication, how to overcome the barriers. Unit 8: Controlling: Concept and importance, Relationship between planning and controlling, Steps in process of control. Unit 9: Financial Management: Concept, role and objectives of Financial Management, Financial decisions: investment, financing and dividend- Meaning and factors affecting, Financial Planning- concept and importance, Capital Structure- Concept, Fixed and Working Capital- Concept and factors affecting their requirements.</p>
I.P.		<p>Data handling using Pandas – II Descriptive Statistics: max, min, count, sum, mean, median, mode, quartile, Standard deviation, variance. DataFrame operations: Aggregation, group by, Sorting, Deleting and Renaming Index, Pivoting. Handling missing values – dropping and filling. Importing/Exporting Data between MySQL database and Pandas. Data Visualization: Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram, pie chart, frequency polygon, box plot and scatter plot. Customizing plots: color, style (dashed, dotted), width; adding label, title, and legend in plots.</p>
Phy. Edu.		<p>Unit V Children & Women in Sports</p> <ul style="list-style-type: none"> □ Sports participation of women in India □ Special consideration (Menarche & Menstrual Dysfunction) □ Female Athletes Triad (Oestoperosis, Ammenrrhoea, Eating Disorders)

Subject Wise Syllabus (Session: 2022-23) Class XII (Commerce)

Phy. Edu.	<p>Unit VI Test & Measurement in Sports</p> <ul style="list-style-type: none"> □ Motor Fitness Test – 50 M Standing Start, 600 M Run/Walk, Sit & Reach, Partial Curl Up, Push Ups (Boys), Modified Push Ups (Girls), Standing Broad Jump, Agility – 4x10 M ShuttleRun □ General Motor Fitness– Barrow three item general motor ability (Standing Broad Jump, Zig Zag Run, Medicine Ball Put – For Boys: 03 Kg & For Girls: 01 Kg) □ Measurement of Cardio Vascular Fitness– Harvard Step Test/Rockport Test -Computation of Fitness Index: Duration of the Exercise in Seconds x 100 5.5 x Pulse count of 1-1.5 Min after Exercise □ Rikli & Jones- Senior Citizen Fitness Test 1. Chair Stand Test for lower body strength 2. Arm Curl Test for upper body strength 3. Chair Sit & Reach Test for lower body flexibility 4. Back Scratch Test for upper body flexibility 5. Eight Foot Up & Go Test for agility 6. Six Minute Walk Test for Aerobic Endurance <p>Unit VII Physiology & Injuries in Sports</p> <ul style="list-style-type: none"> □ Physiological factor determining component of Physical Fitness □ Effect of exercise on Cardio Respiratory System □ Effect of exercise on Muscular System □ Physiological changes due to ageing □ Sports injuries: Classification (Soft Tissue Injuries:(Abrasion, Contusion, Laceration, Incision, Sprain & Strain) Bone & Joint Injuries: (Dislocation, Fractures: Stress Fracture, Green Stick, Commutated, Transverse Oblique & Impacted) Causes, Prevention& treatment □ First Aid– Aims & Objectives 		
Max. Marks : 50		Min. Marks : 17	Time : 3.00 Hours
Note for Exam. : Students will bring their next day's examination books and notebooks			
Second Term Exam. (+ 1st Unit + 2nd Unit + 1st Term)			
English	Flamingo	7. The Interview 8. Going Places	
	Vistas	8. Memories of Childhood	
	Poetry	5. Aunt Jennifer's Tigers	
	Reading Skills	1. Unseen Passages/Poems 2. Note making 3. Summarising	
Maths	<p>Ch-10. Vectors: Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, Properties and application of Scalar (dot) product of vectors. Vector (cross) product of vectors. Scalar triple product of vectors. Ch-11. Three - dimensional Geometry: Direction cosines and direction ratios of a line joining two points. Cartesian and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Cartesian and vector equation of a plane. Angle between (i) two lines, (ii) two planes. (iii) a line and a plane. Distance of a point from a plane. Ch-13. Probability: Conditional probability, multiplication theorem on probability. independent events, total probability, Baye's theorem, Random variable and its probability distribution, mean and variance of random variable. Binomial probability distribution, Ch-12. Linear</p>		

Maths	<p>Programming: Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).</p>	
Eco.	Indian Economic Development	<p>Infrastructure: Meaning and Types: Case Studies: Energy and Health: Problems and Policies- A critical assessment; Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming. Unit 8: Development Experience of India: A comparison with neighbours: India and Pakistan, India and China. Issues: economic growth, population, sectoral development and other Human Development Indicators.</p>
	Macro Economics	<p>Unit 4: Government Budget and the Economy Government budget - meaning, objectives and components. Classification of receipts - revenue receipts and capital receipts; classification of expenditure – revenue expenditure and capital expenditure. Measures of government deficit - revenue deficit, fiscal deficit, primary deficit: their meaning. Unit 5: Balance of Payments: Balance of payments account - meaning and components; balance of payments deficit-meaning. Foreign exchange rate - meaning of fixed and flexible rates and managed floating. Determination of exchange rate in a free market.</p>
A/C	<p>Part –A Chapter – 6: Financial Statements of Not-for-Profit Organizations</p> <ul style="list-style-type: none"> • Not-for-profit organizations: concept. • Receipts and Payments Account: features and preparation. • Income and Expenditure Account: features, preparation of income and expenditure account and balance sheet from the given receipts and payments account with additional information. <p>Scope:</p> <ol style="list-style-type: none"> 1. Adjustments in a question should not exceed 3 or 4 in number and restricted to subscriptions, consumption of consumables and sale of assets/ old material. 2. Entrance/admission fees and general donations are to be treated as revenue receipts. 3. Trading Account of incidental activities is not to be prepared. <p>Chapter – 7: Accounting for Companies: Accounting for share Capital</p> <ul style="list-style-type: none"> • Share and share capital : nature and types • Accounting for share capital: issue and allotment of equity shares, private placement of shares, Public subscription of shares - over subscription and under subscription of shares; Issue at par and at premium and calls in advance and arrears, issue of shares for consideration other than cash. • Concept of Private Placement and Employee Stock Option Plan (ESOP). • Accounting treatment of forfeiture and re-issue of shares. • Disclosure of share capital in company's Balance Sheet only. <p>Chapter – 8: Accounting for Debentures</p> <ul style="list-style-type: none"> • 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; debentures as collateral security-concept, interest on debentures. 	

Subject Wise Syllabus (Session: 2022-23) Class XII (Commerce)

A/C	<p>Writing off discount / loss on issue of debentures. Note: Discount or loss on issue of debentures to be written off in the year debentures are allotted from Security Premium Reserve (if it exists) and then from Statement of Profit and Loss as Financial Cost (AS 16). Chapter – 9: Methods of Redemption of Debentures: <ul style="list-style-type: none"> Redemption of debentures for immediate cancellation: Lump sum, draw of lots. Creation of Debenture Redemption Reserve. <i>Note: Related sections of the Companies Act, 2013 will apply.</i></p>
B.Std.	<p>Unit 10: Financial Markets: Financial Markets: Concept, Functions and types, Money market and its instruments, Capital market and its types (primary and secondary), methods of floatation in the primary market, Stock Exchange- Functions and trading procedure, Securities and Exchange Board of India (SEBI) - objectives and functions. Unit 11: Marketing Management: Selling and Marketing- Concept, Marketing Management- Concept, Marketing Functions, Marketing management philosophies, Marketing Mix – Concept and elements, Product - branding, labelling and packaging - Concept, Price- Concept, Factors determining price, Physical Distribution - concept and components, channels of distribution: types, choice of channels. Promotion – Concept and elements; advertising concept, role, objections against advertising, personal selling-concept and qualities of a good salesman, sales promotion- concept and techniques, public relations-concept and role. Unit 12: Consumer Protection: Concept and importance of consumer protection, Consumer Protection Act 1986: Meaning of consumer, Rights and responsibilities of consumers, Who can file a complaint against whom? Redressal machinery, Remedies available. Consumer awareness- Role of consumer organizations and Non-Governmental Organizations (NGOs). Unit 13: Project Work</p>
I.P.	<p>Unit 3: Introduction to Computer Networks: Introduction to networks, Types of network: LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway. Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, WWW and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies. Unit 4: Societal Impacts Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, 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 the usage of technology.</p>
Phy. Edu.	<p>Unit VIII Biomechanics & Sports <input type="checkbox"/> Meaning and Importance of Biomechanics in Sports <input type="checkbox"/> Types of movements (Flexion, Extension, Abduction & Adduction) <input type="checkbox"/> Newton’s Law of Motion & its application in sports <input type="checkbox"/> Friction & Sports Unit IX Psychology & Sports <input type="checkbox"/> Personality; its definition & types – Trait & Types (Sheldon & Jung Classification) & Big Five Theory <input type="checkbox"/> Motivation, its type & techniques</p>

Phy. Edu.	<input type="checkbox"/> Exercise Adherence; Reasons to Exercise, Benefits of Exercise <input type="checkbox"/> Strategies for Enhancing Adherence to Exercise <input type="checkbox"/> Meaning, Concept & Types of Aggressions in Sports Unit X Training in Sports <input type="checkbox"/> Strength–Definition, types & methods of improving Strength – Isometric, Isotonic & Isokinetic <input type="checkbox"/> Endurance - Definition, types & methods to develop Endurance–Continuous Training, Interval Training & Fartlek Training <input type="checkbox"/> Speed–Definition, types & methods to develop Speed–Acceleration Run & Pace Run <input type="checkbox"/> Flexibility – Definition, types & methods to improve flexibility <input type="checkbox"/> Coordinative Abilities – Definition & types <input type="checkbox"/> Circuit Training - Introduction & its importance
Max. Marks : 100 (Th: 70 + Pr. 30) Min. Marks : 33 Time : 3.00 Hours	
Note for Exam. : Students will bring their next day’s examination books and notebooks	
Pre-Board Exam. (Whole Syllabus)	
Max. Marks : 100 (Th: 70 + Pr. 30) Min. Marks : 33 Time : 3.00 Hours	

SR.	SUBJECT	NAME OF THE BOOK(S)	PUBLISHER
1	A/C	APC ACCOUNTING -PART -I	AVICHAL PUBLISHING COMPANY
2	A/C	APC ACCOUNTING -PART -II	AVICHAL PUBLISHING COMPANY
3	A/C	ACCOUNTING PART -I (NOT FOR PROFIT)	NCERT
4	A/C	ACCOUNTING PART -II (FSA CUM CA)	NCERT
5	B.ST	BUSINESS STUDIES	VK GLOBAL PUBLICATIONS
6	B.ST	BUSINESS STUDIES PART I	NCERT
7	B.ST	BUSINESS STUDIES PART II	NCERT
8	ECO.	INDIAN ECONOMIC DEVELOPMENT	V.K. PUBLICATIONS
9	ECO.	INTODUCTORY MACROECONOMICS	V.K. PUBLICATIONS
10	ECO.	INDIAN ECONOMIC DEVELOPMENT	NCERT
11	ECO.	INTRODUCTORY MACROECONOMICS	NCERT
12	I.P	INFORMATICS PRACTICES	DHANPAT RAI & COMP.
13	I.P	PRACTICAL FILE (I.P.)	J.B. PUBLISHING HOUSE
14	ENG.	GUIDE - ENGLISH CORE	LAXMI Pub.
15	ENG.	FLAMINGO (ENG.)	NCERT
16	ENG.	VISTAS (ENG.)	NCERT
17	P.ED.	PHYSICAL EDUCATION	SARASWATI PUBLICATION

Instructions:-

- Value Education consists of Moral Values , Manners & Etiquettes.
- Value Education will be taught by the class teacher for 10 minutes in zero period every day.