

BAL BHARATI PUBLIC SCHOOL, NTPC SIPAT

Syllabus Plan for the Session 2023-24

CLASS XII

Subject- ENGLISH CORE(Code-301)

LEARNING OBJECTIVES

Through the study of English, the students will:

1. Gain an introductory knowledge of some of the issues explored in influential works of the English-language tradition, and of some of the stylistic strategies writers have used to explore those issues.
2. Read and interpret complex texts actively: recognize key passages; raise questions; appreciate complexity and ambiguity; comprehend the literal and figurative uses of language.
3. Practice writing as a process of motivated inquiry, engaging other writers' ideas through the use of quotations, paraphrase, allusions and summary.
4. Increase confidence in speaking publicly; articulate clear questions and ideas in class discussion; listen thoughtfully and respectfully to others' ideas; and prepare, organize, and deliver engaging oral presentations.
5. Attend to a wider range of voices within and across cultures.
6. Enjoy the experience of reading challenging literature: appreciate literature's ability to elicit feeling, cultivate the imagination, and call us to account as humans.

TEXT BOOKS

Main Textbook: FLAMINGO

Supplementary Reader: VISTAS

SUGGESTED READINGS

Oxford Advanced Learner's Dictionary, Oxford Thesaurus, Longman Advanced Grammar

MONTH	WORKING DAYS	COURSE CONTENT
APRIL	20	READING- Unseen Passage WRITING- Notice LITERATURE: FLAMINGO: The Last Lesson, Lost Spring, My Mother at Sixty-Six, Deep Water VISTAS: The Third Level
JUNE	12	READING: Unseen passage WRITING: Invitation Letter Writing LITERATURE: FLAMINGO: The Rattrap VISTAS: The Tiger King
JULY	23	READING: Unseen passage WRITING: Article LITERATURE: FLAMINGO: Indigo, Going Places, Keeping Quiet VISTAS: Journey to the end of the earth, The Enemy
AUGUST	23	READING: Unseen passage WRITING: Report Writing LITERATURE: FLAMINGO: A Thing of Beauty, Aunt Jennifer's Tigers, The Roadside Stand VISTAS: On the face of it

SEPTEMBER	21	Revision
OCTOBER	18	READING: Unseen passage WRITING: Letter Writing LITERATURE: <i>FLAMINGO</i> Poets and Pancakes, The interview,
NOVEMBER	18	READING: Unseen passage WRITING: Report Writing LITERATURE: <i>VISTAS:</i> Memories of Childhood
DECEMBER	18	<i>Revision</i>
JANUARY	23	<i>Revision</i>
FEBRUARY	23	<i>Revision</i>
SYLLABUS FOR EXAMS	UT1	Unseen passage, Article, My mother at sixty-six, Lost Spring, The Last Lesson, The Third Level, Deep Water
	Half Yearly-Theory	Entire syllabus covered until August
	Half Yearly-Practical/Project	<i>Assessment of Speaking and Listening</i>
	Pre-Board	Whole syllabus as per C.B.S.E
	Mock Test	Whole syllabus as per C.B.S.E

SUGGESTIONS TO PARENTS:

1. Encourage your child to read magazines and books in English
2. Engage your child in some writing tasks regularly (eg. writing emails/ letters/ creative writing)
3. Keep regular contact with the teacher to monitor your child's progress

Sub. - Accountancy

LEARNING OBJECTIVES-

- To familiarize students with new and emerging areas in the preparation and presentation of financial statements.
- To acquaint students with basic accounting concepts and accounting standards.
- To develop the skills of designing need based accounting database.
- To appreciate the role of ICT in business operations.
- To develop an understanding about recording of business transactions and preparation of financial statements.
- To enable students with accounting for Not-for-Profit organizations, accounting for Partnership Firms and company accounts

RECOMMENDED BOOKS -

- **NCERT**
- **TS GREWAL(SULTAN CHAND)**

MONTH	NO. OF WORKING DAYS	COURSE CONTENT
March	19	<p>Unit 4: Analysis of Financial Statements</p> <ul style="list-style-type: none"> • Accounting Ratios: Meaning, Objectives, • Advantages, 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. Debt to Capital Employed Ratio. • Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio and Working Capital Turnover Ratio. • Profitability Ratios: Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment.
April	20	<p>Unit 5: Cash Flow Statement</p> <p>Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only)</p>
June	12	<p>Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only)</p> <p>Unit 1: Accounting for Partnership Firms</p> <p>Partnership: features, Partnership Deed.</p> <ul style="list-style-type: none"> • 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). • Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization
July	23	<p>Accounting for Partnership firms – Reconstitution and Dissolution.</p> <p>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, accumulated profits and losses,</p> <p>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, losses and reserves, adjustment of capital accounts and preparation of capital, current account and balance sheet.</p> <p>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</p>

		' s capital account and his executor' s account.
August	23	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)).
September	21	Revision for Half Yearly Examination
October	18	<p>Unit-3 Accounting for Companies</p> <ul style="list-style-type: none"> Accounting for share capital: issue and allotment of equity and preferences shares. Public subscription of shares - oversubscription and under subscription of shares; issue at par and at premium, calls in advance and arrears (excluding interest),issue of shares for consideration other than cash. Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity. Accounting treatment of forfeiture and reissue of shares. Disclosure of share capital in the Balance Sheet of a company
November	18	<p>Accounting for Debentures</p> <p>Debentures: Meaning, types, Issue of debentures at par, at a premium and at discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption;</p> <p>Debentures as collateral security-concept, interest on debentures (concept of TDS is excluded). Writing off discount / loss on issue of debentures.</p>
December	18	Revision of Entire Syllabus
January	23	Revision of Entire Syllabus
February	23	Revision of Entire Syllabus
SYLLABUS	I Unit Test	Accounting Ratios Cash Flow Statement
	Half yearly - Theory	Accounting Ratios Cash Flow Statement Partnership: Fixed v/s fluctuating capital accounts. <ul style="list-style-type: none"> Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits. Past adjustments Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization
	Half yearly –	<ul style="list-style-type: none"> Accounting Ratios Cash Flow Statement

	Practical/Project	
	PreBoard Exam	Entire Syllabus
	Mock Test	Entire Syllabus

SUBJECT- BUSINESS STUDIES

LEARNING OBJECTIVES-

To inculcate business attitude and develop skills among students to pursue higher education, world of work including self employment.

- To develop students with an understanding of the processes of business and its environment;
- To acquaint students with the dynamic nature and inter-dependent aspects of business;
- To develop an interest in the theory and practice of business, trade and industry;
- To familiarize students with theoretical foundations of the process of organizing and managing the operations of a business firm;
- To help students appreciate the economic and social significance of business activity and the social cost and benefits arising there from;
- To acquaint students with the practice of managing the operations and resources of business;
- To enable students to act more effectively and responsibly as consumers, employers, employees and citizens

RECOMMENDED BOOKS -

- NCERT
- POONAM GANDHI (V K PUBLICATION'S)

MONTH	NO. OF WORKING DAYS	COURSE CONTENT
March	19	Unit 11: Marketing <ul style="list-style-type: none"> • Marketing - Concept, functions and philosophies • Marketing Mix - Concept and elements • Product - branding, labelling and packaging - Concept • Price - Concept, Factors determining price • Physical Distribution - concept, components and channels of distribution • Promotion - Concept and elements; • Advertising, Personal Selling, Sales • Promotion and Public Relations
April	20	Unit 12: Consumer Protection <ul style="list-style-type: none"> • Consumer Protection: Concept and importance

		<ul style="list-style-type: none"> • The Consumer Protection Act, 2019 • Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)
June	12	<p>Unit 9: Financial Management</p> <ul style="list-style-type: none"> • Financial Management: Concept, role and objectives • Financial decisions: investment, financing and dividend - Meaning and factors affecting • Financial Planning, Capital Structure, Fixed and Working Capital - Concept and factors affecting their requirements <p>Unit 10: Financial Markets</p> <ul style="list-style-type: none"> • Financial Markets: Concept market. • Money Market: Concept market. • Capital market and its types (primary and secondary). • Stock Exchange - Functions and trading procedure •
July	23	<p>Unit 1: Nature and Significance of Management</p> <ul style="list-style-type: none"> • Management - concept, objectives, and importance • Management as Science, Art and Profession • Levels of Management and lower levels of management • Management functions-planning, organizing, staffing, directing and controlling • Coordination- concept and importance <p>Unit 2: Principles of Management</p> <ul style="list-style-type: none"> • Principles of Management - concept and significance • Fayol' s principles of management • Taylor' s Scientific management - principles and techniques <p>Unit 3: Business Environment</p> <ul style="list-style-type: none"> • Business Environment- concept and importance • Dimensions of Business Environment -Economic, Social, Technological, Political and Legal • Demonetization - concept and features
August	23	<p>Unit 4: Planning</p> <ul style="list-style-type: none"> • Planning: Concept, importance and Limitation, Planning process • Single use and Standing Plans. Objectives, Strategy, Policy, Procedure, Method, Rule, Budget and Programme <p>Unit 5: Organising</p>

		<ul style="list-style-type: none"> • Organising: Concept and importance organizing as a structure and as a process. • Structure of organisation- functional and divisional concept. • Formal and informal organization - concept • Delegation: concept, elements and importance • Decentralization: concept and importance • Understand the concept of decentralization
September	21	Revision for Half Yearly Examination
October	18	<p>Unit 6: Staffing</p> <ul style="list-style-type: none"> • 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 <p>Unit 7: Directing</p> <ul style="list-style-type: none"> • Directing: Concept and Elements of Directing • 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?
November	18	<p>Unit 8: Controlling</p> <ul style="list-style-type: none"> • Controlling - Concept and importance • Understand the concept of controlling. • Steps in process of control
December	18	Revision of Entire Syllabus
January	23	Revision of Entire Syllabus
February	23	Revision of Entire Syllabus
SYLLABUS	I Unit Test	<p>Unit 11: Marketing</p> <p>Unit 12: Consumer Protection</p>
	Half yearly - Theory	<p>Unit 1: Nature and Significance of Management</p> <p>Unit 9: Financial Management</p> <p>Unit 10: Financial Markets</p> <p>Unit 11: Marketing</p> <p>Unit 12: Consumer Protection</p>

	Half yearly – Practical/Project	Marketing
	PreBoard Exam	Entire Syllabus
	Mock Test	Entire Syllabus

Sub. - Economics

LEARNING OBJECTIVES-

- a) Understanding of some basic economic concepts and development of economic reasoning which the learners can apply in their day-to-day life as citizens, workers and consumers.
- b) Realisation of learners' role in nation building and sensitivity to the economic issues that the nation is facing today.
- c) Equip with basic tools of economics and statistics to analyse economic issues. This is pertinent for even those who may not pursue this course beyond senior secondary stage.
- d) Development of understanding that there can be more than one view on any economic issue and necessary skills to argue logically with reasoning

RECOMMENDED BOOKS –

1. Indian Economic Development, NCERT
2. Macroeconomics, NCERT
3. Indian Economic Development and Macro Economics
(Dhanpat Rai / S Chand / V K Publications)

MONTH	NO. OF WORKING DAYS	COURSE CONTENT
March	19	Unit 2: Money and Banking Unit 4: Government Budget and the Economy
April	20	Unit 4: Government Budget and the Economy Unit 5: Balance of Payments
June	12	Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:

July	23	Unit 7: Current challenges facing Indian Economy
August	23	Unit 7: Current challenges facing Indian Economy Unit 8: Development Experience of India: Unit 3: Determination of Income and Employment
September	21	Revision
October	18	Unit 3: Determination of Income and Employment Unit 1: National Income and Related Aggregates
November	18	Unit 1: National Income and Related Aggregates
December	18	
January	23	
February	23	
SYLLABUS	I Unit Test	
	Half yearly – Practical/Project	Unit-2,4,5,6,7 20 marks(Project and Viva voce)
	PreBoard Exam	Whole Course
	Mock Test	Whole Course

SUBJECT- informatics Practices

LEARNING OBJECTIVES-

1. Create Series, Data frames and apply various operations.
2. Visualize data using relevant graphs.
3. Design SQL queries using aggregate functions.
4. Import/Export data between SQL database and Pandas.
5. Learn terminology related to networking and internet.
6. Identify internet security issues and configure browser settings.
7. Understand the impact of technology on society including gender and disability issues.

RECOMMENDED BOOKS -

Informatics Practices with Python TextBook for Class XII

Author:- Sumita Arora

MONTH	NO. OF WORKING DAYS	COURSE CONTENT
March	19	Database Query using SQL Revision of database concepts and SQL commands covered in class XI Math functions: POWER (), ROUND (), MOD ().
April	20	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 ().
June	12	Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join
July	23	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, select, delete, rename; Head and Tail functions;
August	23	Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames. Data Visualization Purpose of plotting drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.
September	21	Revision for Half Yearly Examination
October	18	Introduction to Computer Networks Introduction to networks, Types of network: PAN, 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.
November	18	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
December	18	Revision of Entire Syllabus
January	23	Revision of Entire Syllabus
February	23	Revision of Entire Syllabus
SYLLABUS	I Unit Test	Database Query using SQL
	Half yearly - Theory	Database Query using SQL Data Handling using Pandas –I Data Visualization Purpose of plotting
	Half yearly – Practical/Project	Programs using Pandas and Matplotlib SQL Queries Practical file (15 programs based on Pandas, 4 based on Matplotlib and 15 SQL queries) Viva-Voce
	PreBoard Exam	Entire Syllabus
	Mock Test	Entire Syllabus

Sub. – Physical Education

LEARNING OBJECTIVES-1. Understanding some basic physical education concepts and development of physical fitness.

2. Realising of learner's role in Nation building and sensitivity to the health issues that the nation is facing today.

3. Applied physical education is to develop a comprehensive outlook of an individual with strong civic position, moral qualities and sports in daily life to present his or her own health.

RECOMMENDED BOOKS–Health and Physical Education(Vishvas Publications)

MONTH	NO. OF WORKING DAYS	COURSE CONTENT
March	19	UNIT-1(Management of sporting Events)
April	20	UNIT-2(Children and women in sports)
June	12	UNIT-3(Yoga as preventive measure for Lifestyle Disease)
July	23	UNIT-4(Physical Education and Sports for CWSN) UNIT-5(Sports and Nutrition)
August	23	UNIT-6(Test and Measurement in Sports) UNIT-7(Physiology and injuries in Sports)
September	21	Revision of syllabus for Half yearly exam
October	18	UNIT-8(Biomechanics and Sports) UNIT-9(Psychology and Sports)
November	18	UNIT-10(Training in Sports) Revision
December	18	
January	23	
February	23	
SYLLABUS	I Unit Test	UNIT-1,2
	Half yearly - Theory	UNIT-1,2,3,4,5
	Half yearly –Practical/Project	SAI KHELO INDIA
	PreBoard Exam	WHOLE COURSE
	Mock Test	WHOLE COURSE

SUBJECT - MATHEMATICS

LEARNING OBJECTIVES

1. To enable the students to reinforce mathematical skills and reasoning through clear arguments.
2. To strengthen the concepts developed at the secondary stage to provide firm foundation for further learning in the subject.
3. To enable students enhance their mental calculations.
4. To promote problem solving abilities and creative thinking in learners.

RECOMMENDED BOOK: MATHEMATICS NCERT Part I and II Together with mathematics R.D. Sharma

Month	No. of Working Days	Course Content
March	20	Chapter 1: Relations and Functions Chapter 2: Inverse Trigonometric Functions
April	20	Chapter 5: Continuity and Differentiability Chapter 6: Application of Derivatives
June	12	Chapter 7: Integrals
July	23	Chapter 8: Application of Integrals Chapter 9: Differential Equations
August	23	Chapter 3: Matrices Chapter 4: Determinants
September	21	Chapter 11: Three Dimensional Geometry Chapter 10: Vectors
October	18	Half yearly Examination
November	18	Chapter 13: Probability Chapter 12: Linear Programming
December	18	Revision (I-Pre - Board)
January	23	Revision (II-Pre - Board)
February	23	Revision
	UT-1	Continuity and Differentiability, Application of Derivatives
	Half Yearly- Theory	Chapter no 1 to 12
	Half Yearly Practical/Projects	10 Activities from NCERT Lab Manual
	Pre-Boards/Mock Test	Whole syllabus as per C.B.S.E.