



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI - 110034

HALF YEARLY EXAMINATION SYLLABUS

CLASS:XII (2022-23)

Subject	Syllabus
ENGLISH	<ul style="list-style-type: none">● Notice● Invitations and Replies● Letter to editor● Application for a job● Article writing● The last lesson● Lost Spring● Deep Water● The Rattrap● My Mother at Sixty six● Keeping Quiet● The Third Level● The Tiger King● Journey to the End of the World● The Enemy
MATHEMATICS	<ul style="list-style-type: none">● Chap 2-Inverse Trigonometric Functions● Chap 3-Matrices● Chap 4-Determinants● Chap 5-Differentiation● Chap 6-Application of Derivatives● Chap 7-Integration● Chap 8-Application of Integrals
PHYSICS	<ul style="list-style-type: none">● Ncert Chapter 1 Electric charges and Fields● Ncert Chapter 2 Electrostatic Potential and capacitance● Ncert Chapter 3 Current electricity● Ncert Chapter 4 Magnetic effects of current● Ncert Chapter 5 Magnetism and matter● Ncert Chapter 6 EMI● Ncert Chapter 7 Alternating currents● Ncert Chapter 8 Em waves
CHEMISTRY	<ul style="list-style-type: none">● Chapter - Haloalkanes and haloarenes● Chapter - Alcohol, phenol and ethers● Chapter - Aldehydes, ketones and carboxylic acids● Chapter - Amines● Chapter - Biomolecules

	<ul style="list-style-type: none"> • Chapter - Solutions • Chapter - Electrochemistry
COMPUTER SCIENCE	<ul style="list-style-type: none"> • Chapter 1: Python revision tour • Chapter 2: Python revision tour II • Chapter 3: Working with Functions • Chapter 5: File Handling • Chapter 8: Data Structures -1 • Chapter 9: Data Structures -2 (only stacks) • Chapter 11:Relational Databse • Chapter 12: Simple queries in SQL
BIOLOGY	<ul style="list-style-type: none"> • Chapter 2 Sexual Reproduction in Flowering plants • Chapter 3 Human Reproduction • Chapter 4 Reproductive Health • Chapter 5 Principles of Inheritance and Variation • Chapter 6 Molecular basis of Inheritance (Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation)
ACCOUNTANCY	<p>BOOK -1: ACCOUNTING FOR PARTNERSHIP FIRMS</p> <ul style="list-style-type: none"> • Ch-1 Fundamentals of Partnership • Ch-2 Valuation of Goodwill • Ch-3 Change In Profit Sharing Ratio • Ch-4 Admission of a Partner • Ch-5 Retirement of a Partner • Ch-6 Death of a Partner • Ch-7 Dissolution of Firm <p>BOOK-2 :ACCOUNTING FOR COMPANIES</p> <p>Ch- Accounting for share capital</p> <p>BOOK-3 :ANALYSIS OF FINANCIAL STATEMENTS</p> <p>Ch- Financial statements of a company</p> <p>(i) Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and subheadings (as per Schedule III to the Companies Act, 2013)</p>
BUSINESS STUDIES	<ul style="list-style-type: none"> • Chapter 1 - Nature and Significance of Management • Chapter 2 - Principles of Management • Chapter 3 - Planning • Chapter 4 - Controlling • Chapter 5 - Financial Management • Chapter 6 - Financial Market • Chapter 7 - Marketing • Chapter 8 - Consumer Protection

ECONOMICS	Macroeconomics <ul style="list-style-type: none"> • Money and Banking • Government Budget and the Economy • Balance of Payments • National Income and Related Aggregates Indian Economic Development <ul style="list-style-type: none"> • Indian economy on eve of independence • Indian economy (1950-1990) • Economic Reforms since 1991 • Human Capital Formation • Rural development
INFORMATICS PRACTICES	<ul style="list-style-type: none"> • Chapter 1 - Numpy • Chapter 2 - Data Handling using Pandas I • Chapter 3 - Data Handling using Pandas II • Chapter 4 - Plotting Data using Matplotlib • Chapter 5 - Revision of MySQL
HISTORY	<ul style="list-style-type: none"> • 1.Bricks,beads and bones • 2. Kings,Farmers and Towns • 3. Kinship,Caste and class • 4. Thinkers,Beliefs and Buildings • 5. Through the Eyes of the Travellers • 6. Bhakti-Sufi traditions • 7. An Imperial Capital- Vijayanagara • 8. Peasants,Zamindars and the State
GEOGRAPHY	Fundamentals of Human Geography <ul style="list-style-type: none"> • Chapter 1 Human Geography:Nature and Scope • Chapter 2 The World Population: Distribution, Density and Growth • Chapter 4 Human Development • Chapter 5 Primary Activities • Chapter 6 Secondary Activities • Chapter 7 Tertiary and Quaternary Activities • Chapter 8 Transport and communication • Chapter 9 International Trade India, People and Economy <ul style="list-style-type: none"> • Chapter 1 Population: Distribution, Density, Growth and Composition • Chapter 4 Human Settlement • Chapter 5 Land Resources and Agriculture
HOME SCIENCE	UNIT I- Work, Livelihood and Career <ul style="list-style-type: none"> • Chapter 1: Work, Livelihood and Career UNIT II- Nutrition , Food Science and Technology <ul style="list-style-type: none"> • Chapter 2 : Clinical Nutrition and Dietetics • Chapter 3 : Public Nutrition and Health

	<ul style="list-style-type: none"> • Chapter 5: Food Processing and Technology • Chapter 6 : Food Quality and Food Safety <p>UNIT III Human Development and Family Studies</p> <ul style="list-style-type: none"> • Chapter 7: Early Childhood Care and Education • Chapter 10 : Management of support services, Institutions and programmes for children, youth and elderly <p>UNIT IV Fabric and Apparel</p> <ul style="list-style-type: none"> • Chapter 11: Design for Fabric and Apparel
PAINTING	<ul style="list-style-type: none"> • Unit 1: The Rajasthani School of Miniature Painting and the Pahari School of miniature painting. • Unit 2: The Mughal school of miniature painting
PHYSICAL EDUCATION	<ul style="list-style-type: none"> • Chapter 1. Management of Sporting Events • Chapter 2. Children & Women in Sports • Chapter 3. Yoga as Preventive measure for Lifestyle Disease • Chapter 4. Physical Education & Sports for CWSN (Children with Special Needs - Divyang) • Chapter 5. Sports & Nutrition • Chapter 6. Test & Measurement in Sports
POLITICAL SCIENCE	<ul style="list-style-type: none"> • 1 Challenge of nation building • 2 Politics of Planned Development • 3 India's external relations • 4 Contemporary South Asia • 5 Security in the contemporary world • 6 Alternative centres of power • 7 Globalisation
PSYCHOLOGY	<ul style="list-style-type: none"> • Ch 2 - Self and Personality • Ch 3 - Meeting Life Challenges • Ch 4 - Psychological Disorders • Ch 5 - Therapeutic Approaches