



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI - 110034

HALF YEARLY EXAMINATION SYLLABUS (SEPTEMBER 2021)

CLASS:XII (2021-22)

Subject	Syllabus
ACCOUNTANCY	<ul style="list-style-type: none">● ACCOUNTING FOR PARTNERSHIP FIRMS:<ul style="list-style-type: none">1 Fundamentals2 Change In Profit Sharing Ratio3 Admission Of A Partner● Company Accounts<ul style="list-style-type: none">1 Accounting for shares● ANALYSIS OF FINANCIAL STATEMENTS:<ul style="list-style-type: none">● 1 FINANCIAL STATEMENTS OF A COMPANY● (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)● (ii) Tools of Analysis - Ratio Analysis2 ACCOUNTING RATIOS
BIOLOGY	<ul style="list-style-type: none">● Sexual Reproduction in Flowering Plants● Human Reproduction● Reproductive Health● Principles of Inheritance and Variation● Molecular basis of Inheritance
BUSINESS STUDIES	<ul style="list-style-type: none">● Marketing Management● Nature and Significance of Management● Principles of Management● Business Environment● Planning● Organising
CHEMISTRY	<ul style="list-style-type: none">● Haloalkanes and Haloarenes● Alcohols phenols and ethers● Solutions● Solid state● P Block elements● Biomolecules

COMPUTER SCIENCE	<ul style="list-style-type: none"> ● Revision of Python topics covered in Class XI. ● Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope) ● Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths ● Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file ● Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file ● CSV file: import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader()
ECONOMICS	<p>INTRODUCTORY MACROECONOMICS</p> <ul style="list-style-type: none"> ● Money and Banking ● Government Budget and economy ● Balance of Payments <p>INDIAN ECONOMIC DEVELOPMENT</p> <ul style="list-style-type: none"> ● Indian economy on the eve of Independence ● Indian economy(1950-1990) ● Liberalisation, Privatisation, Globalisation: An Appraisal ● Poverty ● Human Capital Formation ● Rural Development

ENGLISH	<ul style="list-style-type: none"> ● Notice Writing ● Classified Advertisement ● Letter to Editor ● Article writing ● The Last lesson ● Lost Spring ● Deep Water ● My Mother at Sixty six ● Keeping Quiet ● An Elementary... Slum ● The Third Level ● The Enemy
GEOGRAPHY	<p>Book: Fundamentals of Physical Geography</p> <ul style="list-style-type: none"> ● Chapter 1. Human Geography: Nature and Scope ● Chapter 2. The World Population: Distribution, Density and Growth ● Chapter 3. Population Composition ● Chapter 4. Human Development ● Chapter 5. Primary Activities <p>Book: India: People and economy</p> <ul style="list-style-type: none"> ● Chapter 1. Population: Distribution, density , growth and composition ● Chapter2. Migration: Types, Causes and consequences ● Chapter 4. Human settlement ● Chapter 6. Water resource
HISTORY	<ul style="list-style-type: none"> ● Theme 1:- Bricks, Beads and Bones ● Theme 2:- Kings, Farmers and Towns ● Theme 3:- Kinship, Caste and Class ● Theme 4:- Thinkers, Beliefs and Buildings ● Theme 6:- Bhakti - Sufi Traditions ● Theme 7:- An Imperial City

HOME SCIENCE	<p>UNIT I: Work, livelihood and Career</p> <ul style="list-style-type: none"> Chapter 1- Work, livelihood and Career <p>UNIT II: Nutrition, Food Science and Technology</p> <ul style="list-style-type: none"> Chapter 2- Clinical Nutrition and Dietetics Chapter 3- Public Nutrition and Health 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
INFORMATICS PRACTICES	<p>UNIT I - Data handling using Pandas and Data Visualisation</p> <ul style="list-style-type: none"> Numpy Data handling using Pandas Data Visualisation <p>UNIT IV - Societal Impacts</p> <ul style="list-style-type: none"> Digital footprint, net and communication etiquettes Data protection, intellectual property rights, plagiarism, licensing and copyright Free and Open source softwares
MATHEMATICS	<ul style="list-style-type: none"> Inverse Trigonometric Functions Matrices Determinants Continuity and Differentiability Application of Derivatives LPP Relation and Functions
PAINTING	<ul style="list-style-type: none"> Origin and Development of Miniature Painting in India Six limbs of Indian Painting & fundamentals of Visual Arts (Elements & Principles) The Rajasthani Schools of Miniature Painting The Pahari Schools of Miniature Painting The Mughal Schools of Miniature Painting The Deccan Schools of Miniature Painting
PHYSICAL EDUCATION	<ul style="list-style-type: none"> Chapter 1- Planning in Sports Chapter 2- Sports and Nutrition Chapter 5- Children and Women in Sports Chapter 6- Test and Measurement in Sports Chapter 8- Biomechanics and Sports

PHYSICS	<ul style="list-style-type: none"> • Chapter 1 Electric field and Electric Charge • Chapter 2 Electric Potential and Capacitance • Chapter 3 Current Electricity • Chapter 4 Moving Charges And Magnetism • Chapter 5 Magnetism and matter • Chapter 6 Electromagnetic Induction • Chapter 7 Alternating Current
POLITICAL SCIENCE	<p>CONTEMPORARY WORLD POLITICS:</p> <ul style="list-style-type: none"> • United Nations and its Organizations • End of Bipolarity • The Cold War • Non Alignment movement <p>POLITICS IN INDIA SINCE INDEPENDENCE:</p> <ul style="list-style-type: none"> • Challenges of Nation Building • Planning and Development • India's External Relations
PSYCHOLOGY	<ul style="list-style-type: none"> • CHAPTER 1- VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES • CHAPTER 2 - SELF AND PERSONALITY • CHAPTER 3 - MEETING LIFE CHALLENGES