



**BAL BHARATI PUBLIC SCHOOL, PITAMPURA,
DELHI – 110034**

SYLLABUS

SESSION : 2020-21

CLASS : XI UNIT TEST I EXAM(JULY 2020)

Duration of the exam - 1 hours

Maximum Marks - 30

Subject	Syllabus
ACCOUNTANCY	<p>Meaning and objectives of accounting</p> <p>Basic accounting terms</p> <p>Theory base of accounting</p> <ul style="list-style-type: none">• Accounting principles: Nature, Need, Kinds• Accounting concepts• Accounting conventions• Accounting standards and IndAS <p>Accounting Equation</p> <p>Origin of transactions</p> <ul style="list-style-type: none">• Source document: meaning and examples• Vouchers: meaning and types
BIOLOGY	<p>Ch 1 - The Living World</p> <ul style="list-style-type: none">• What is living?• Biodiversity• Need for Classification• Three Domains of Life• Concept of Species• Taxonomical Hierarchy• Binomial Nomenclature <p>Ch 2 - Biological Classification</p> <ul style="list-style-type: none">• Five kingdom classification• Salient features and classification of:<ul style="list-style-type: none">➤ Monera➤ Protista➤ Fungi➤ Lichens, Viruses and Viroids

	<p>Ch 3 - Plant Kingdom</p> <ul style="list-style-type: none"> • Salient features and classification of plants into major groups - ➤ Algae ➤ Bryophyta ➤ Pteridophyta ➤ Gymnospermae.
<p>BUSINESS STUDIES</p>	<p>Ch 1 - Nature and Purpose of Business Economic and non economic activities: Meaning Types and difference</p> <ul style="list-style-type: none"> • Business - meaning and characteristics • Business, profession and employment Concept • Objectives of business • Classification of business activities - Industry and Commerce • Industry-types: primary, secondary, tertiary Meaning and subgroups • Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing, communication, and advertising) - meaning • Business risk-Concept <p>Ch 2 - Forms of Business organizations</p> <ul style="list-style-type: none"> • Sole Proprietorship-Concept, merits and limitations. • Partnership-Concept, types, merits and limitation of partnership, registration of a partnership firm, partnership deed. Types of partners • Hindu Undivided Family Business: Concept • Cooperative Societies-Concept, merits, and limitations. • Company - Concept, merits and limitations; Types: Private, Public and One Person Company - Concept • Comparison among various forms of business organizations
<p>CHEMISTRY</p>	<p>Ch 1 - Some Basic Concept of Chemistry</p> <ul style="list-style-type: none"> • Mole Concept and molar mass • Percentage Composition • Empirical and molecular formula • Stoichiometry and Stoichiometric Calculations • Limiting Reagent • Mass Percent, Molarity, Mole fraction & Molality <p>Ch 2- Structure of Atom</p> <ul style="list-style-type: none"> • Developments leading to Bohr Model of an atom • Wave and particle nature of electromagnetic radiation • Photoelectric Effect • Dual behaviour of electromagnetic radiation • Emission and Absorption Spectra • Line spectrum of Hydrogen • Bohrs Model of an atom

	<ul style="list-style-type: none"> • Quantum Mechanical model of an atom • Filling of orbitals in an Atom and Electronic Configuration
COMPUTER SCIENCE	<p>Ch 1 - Getting started with Python</p> <ul style="list-style-type: none"> • Introduction • Components of Computer System • Memory • Communication Bus • Operating System <p>Ch 2 - Python Programming Fundamentals</p> <ul style="list-style-type: none"> • Variables • Keywords • Operators • Tokens <p>Ch 3 - Conditional and Looping Constructs</p> <ul style="list-style-type: none"> • If statement • If else statement • If elif statement • For statement • While statement
ECONOMICS	<p>PART-A, STATISTICS FOR ECONOMICS</p> <p><u>Unit- 1, Introduction</u></p> <p>Chapter- Introduction to statistics</p> <p>What is economics? Economic and Non- Economic activities, Meaning, scope, functions, importance and limitations of statistics in economics.</p> <p><u>Unit-2, Collection, Organization and Presentation of data</u></p> <p>Chapter- Collection of data</p> <p>Sources of data- primary and secondary, Methods of collecting primary data, Questionnaire, Sources of secondary data, Census method and sample method, Sampling, Methods of sampling, Census of India, NSSO.</p> <p>PART- B, INTRODUCTORY MICROECONOMICS</p> <p><u>Unit- 1, Introduction</u></p> <p>Chapter- Introduction to microeconomics</p> <p>Economic problem, Scarcity, Microeconomics and Macroeconomics, Positive and Normative economics, Central problems of an economy: what, how and for whom to produce, Opportunity cost.</p>

	<p><u>Unit-2, Consumer's equilibrium and demand</u></p> <p>Chapter- Demand</p> <p>Demand, Market demand, determinants of demand, demand schedule, demand curve and its slope, law of demand and its reasons, movement along and shifts in demand curve.</p> <p>Chapter- Elasticity of demand</p> <p>Price elasticity of demand, factors affecting price elasticity of demand, degrees of elasticity of demand, measurement of price elasticity of demand using percentage and proportionate method.</p>
ENGLISH	<ul style="list-style-type: none"> • The Portrait of a Lady • The Summer of the Beautiful White Horse • We are not afraid to die if we are together • The Voice of the Rain • Mother's Day <p>Writing Skills:</p> <ul style="list-style-type: none"> • Letter of Enquiry • Letter of Order • Letter of Complaint • Notice writing
GEOGRAPHY	<p>Ch 1 - Geography as a discipline</p> <ul style="list-style-type: none"> • Geography as an integrating discipline, as a science of spatial attributes, • Branches of Geography: Physical Geography and Human Geography Scope <p>Ch 3 - Interior of the Earth</p> <ul style="list-style-type: none"> • Wegener's continental drift theory and plate tectonics • Earthquakes and volcanoes: causes, types and effects <p>Ch 4 - Distribution of oceans and continents</p> <p>Ch 5 - Minerals and rocks</p> <ul style="list-style-type: none"> • Major types of rocks and their characteristics
HISTORY	<p>THEME 2 : WRITING AND CITY LIFE</p> <ul style="list-style-type: none"> • Mesopotamia and its geography • The significance of Urbanism • Movement of Goods into Cities • The development of Writing • The system of writing • Literacy

	<ul style="list-style-type: none"> • The Uses of Writing • Urbanisation in Southern Mesopotamia • Life in the city • A trading town in a Pastoral zone • Cities in Mesopotamian Culture • The legacy of Writing <p>THEME 3: AN EMPIRE ACROSS THREE CONTINENTS</p> <ul style="list-style-type: none"> • The Early Empire • The third century crisis • Gender literacy Culture • Economic Expansion • Controlling Workers • Social Hierarchies • Late Antiquity
<p style="text-align: center;">INFORMATICS PRACTICES</p>	<p>Ch 1 - Computer System</p> <ul style="list-style-type: none"> • Introduction • Components of Computer System • Memory • Communication Bus • Operating System <p>Ch 3 - Python Fundamentals</p> <ul style="list-style-type: none"> • Variables • Keywords • Operators • Tokens <p>Ch 4 - Conditional Statements</p> <ul style="list-style-type: none"> • If statement • If else statement • If elif statement
<p style="text-align: center;">MATHEMATICS</p>	<p>Sets</p> <ul style="list-style-type: none"> • Sets and their representations. • Types of Set • Subsets • Power set. Universal set. Venn diagrams. • Union and Intersection of sets. <p>Relations & Functions</p> <ul style="list-style-type: none"> • Ordered pairs. Cartesian product of sets. (R x R only). • Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. • Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum,

	<p>exponential, logarithmic and greatest integer functions, with their graphs.</p> <p>Linear Inequalities</p> <ul style="list-style-type: none"> Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables and method of finding a solution of system of linear inequalities in two variables. <p>Sequence and Series</p> <ul style="list-style-type: none"> 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., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M.
PAINTING	<p>Ch 1 - Art - An Introduction.</p> <p>Ch 2 - Art and the Culture.</p> <p>Ch 4 - Prehistoric Rock Paintings.</p> <p>Ch 5 - Art of Indus Valley.</p>
PHYSICAL EDUCATION	<p>Ch 1 - Changing Trends and Career in Physical Education</p> <ul style="list-style-type: none"> Meaning and Definition of Physical Education Aim and objectives of Physical Education Career Options in Physical Education Competition in various at National and International level Khelo India Program <p>Ch 2 - Olympic Value Education</p> <ul style="list-style-type: none"> Olympics, Paralympics and Special Olympics Olympic Symbols, idols objectives and values of Olympian International Olympic Committee Indian Olympic Association
PHYSICS	<p>Ch 2 - NCERT : Units and measurement</p> <ul style="list-style-type: none"> Dimensions and Dimensional analysis Significant figures and mathematical operations Errors and propagation of errors. Vectors Vector addition and Multiplication <p>Ch 3 - NCERT : Motion in a straight line</p> <ul style="list-style-type: none"> Uniform and non uniform motion Graphical representation of motion Equations of motion Relative velocity in one dimension Applications of all concepts.

<p>POLITICAL SCIENCE</p>	<p>Ch 1 - Constitution: Why and How?</p> <p>Making of the Indian Constitution-</p> <ul style="list-style-type: none"> ● Mode of promulgation ● How was the Indian constitution made? ● Composition of the Constituent Assembly ● Principle of deliberation ● Inheritance of the nationalist movement ● Provisions adopted from the constitutions of different countries. <p>Ch 2 - Rights In The Indian Constitution</p> <ul style="list-style-type: none"> ● Fundamental Rights ● Directive Principles of State Policy <p>Ch 9 - Constitution As A Living Document Constitutional Amendments-</p> <ul style="list-style-type: none"> ● Contents of amendments made so far <p>Ch 10 - Philosophy Of The Constitution</p> <ul style="list-style-type: none"> ● What is meant by philosophy of the constitution? ● What is the political philosophy of our constitution?
<p>PSYCHOLOGY</p>	<p>Ch 1 - What is psychology?</p> <ul style="list-style-type: none"> ● What is psychology ● Understanding mind and behaviour ● Popular notions about the discipline of psychology ● Evolution of psychology ● Development of psychology in India ● Branches of psychology ● Psychology and other disciplines ● Psychology in everyday life <p>Ch 3 - The bases of human behaviour</p> <ul style="list-style-type: none"> ● Evolutionary perspective ● Biological basis of behaviour till reflex action.