



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI - 110034

ANNUAL EXAMINATION SYLLABUS

CLASS:XI (2023-24)

Subject	Syllabus
ENGLISH	<p>Comprehension Passages</p> <p>Writing Skills:</p> <ol style="list-style-type: none">1. Notice2. Letter to the Editor3. Invitations and Replies4. Letter of Application <p>Literature:</p> <p>Hornbill</p> <ol style="list-style-type: none">1. The Portrait of a Lady2. We're Not Afraid to Die...if We Can All Be Together3. A Photograph4. Childhood5. The Voice of Rain <p>Snapshots:</p> <ol style="list-style-type: none">1. The Summer of the Beautiful White Horse2. The Address3. Birth <p>BBPS Supplementary Book</p> <ol style="list-style-type: none">1. Bubble Gum Syndrome2. What People Like Us Think Of People Like Them3. The Leisure Gap4. Living With The Enemy
MATHEMATICS	<p>Chapter 1 : Sets</p> <p>Chapter 2: Relations and Functions</p> <p>Chapter 3: Trigonometric Functions</p> <p>Chapter 5: Linear Inequalities</p> <p>Chapter 6: Permutations and Combinations</p> <p>Chapter 8: Sequences and Series</p> <p>Chapter 9: Straight Lines</p> <p>Chapter 10: Conic Sections</p> <p>Chapter 11: Introduction to 3D Geometry</p> <p>Chapter 12: Limits and Derivatives</p> <p>Chapter 13: Statistics</p> <p>Chapter 14: Probability</p>

PHYSICS	Chapter 1 : Units and Measurement Chapter 2: Motion in a straight line Chapter 3: Motion in a plane Chapter 4: Laws of motion Chapter 5: Work, Energy and Power Chapter 6: System of particles and rotational motion Chapter 7: Gravitation Chapter 8: Mechanics of Solids Chapter 9: Mechanics of Fluids Chapter 10: Thermal properties of matter Chapter 13: Oscillations Chapter 14: Waves
CHEMISTRY	Chapter 1: Some basic concepts of chemistry Chapter 2: Structure of atom Chapter 3: Classification of elements and periodicity in properties Chapter 4: Chemical bonding and molecular structures Chapter 5: Thermodynamics Chapter 6: Equilibrium Chapter 7: Redox reactions Chapter 8: Basic principles of organic chemistry Chapter 9: Hydrocarbon
COMPUTER SCIENCE	<ul style="list-style-type: none"> Chapter 2 - Encoding Schemes and Number System Chapter 4 - Introduction to Problem Solving (Flowchart and Algorithms) Chapter 5 - Getting Started with Python Chapter 6 - Flow of Control Chapter 7 : Functions Chapter 8 - Strings Chapter 9 : Lists Chapter 10 : Tuples and Dictionaries <p>Above chapters and topics are from the NCERT book</p> <ul style="list-style-type: none"> SQL basics(as per the notes uploaded in the classroom)- 8 marks
BIOLOGY	Unit-I Diversity of Living Organisms Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Unit-II Structural Organization in Plants and Animals Chapter-6: Anatomy of Flowering Plants Chapter-7: Structural Organisation in Animals Unit-III Cell: Structure and Function Chapter-8: Cell-The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division

	Unit-IV Plant Physiology Chapter-13: Photosynthesis in Higher Plants Chapter-14: Respiration in Plants Chapter-15: Plant - Growth and Development Unit-V Human Physiology Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation Chapter-19: Excretory Products and their Elimination Chapter-21: Neural Control and Coordination Chapter-22: Chemical Coordination and Integration
ACCOUNTANCY	Ch 1 - Introduction to Accounting Ch 2 - Basic Accounting Terms Ch 3 - Theory Base of Accounting Ch 4 - Bases of Accounting Ch 5 - Accounting Equation Ch 6 - Accounting Procedures- Rules of Dr. & Cr. Ch 7 - Source Documents and Vouchers Ch 8 - Journal Ch 9 - Ledger Ch 10 - Cash Book Ch 11 - Other Special Purpose Books Ch 12 - Accounting for GST (Theory and Journal) Ch 13 - Bank Reconciliation Statement Ch 14 - Trial Balance Ch 15 - Depreciation Ch 16 - Provisions and Reserves Ch 17 - Rectification of errors Ch 18 - Financial statements of sole proprietorship Ch 19 - Adjustments in preparation of financial statements Ch 20 - Accounts from incomplete records - Single entry system
BUSINESS STUDIES	Chapter 1: Nature and purpose of Business Chapter 2: Forms of Business organisation Chapter 3: Public, Private and Global Enterprises Chapter 4: Business Services Chapter 5: Emerging modes of Business Chapter 6: Social Responsibility of Business Chapter 7: Formation of a Company Chapter 8: Sources of Business Finance Chapter 9: Small Business and Enterprises Chapter 10: Internal Trade Chapter 11: International Trade
ECONOMICS	Part A: Statistics for Economics Unit 1: Introduction to economics Unit 2: Collection of data Unit 3: Statistical Tools and Interpretation

	<ul style="list-style-type: none"> - Measures of central tendency - Correlation - Index Numbers <p>Part B: Introductory Microeconomics Unit 4: Introduction Unit 5: Consumer's Equilibrium and Demand Unit 6: Producer Behaviour and Supply Unit 7: Perfect Competition - Price Determination and simple applications.</p>
INFORMATICS PRACTICES	<ul style="list-style-type: none"> • Chapter 1 - Computer systems • Chapter 2 - Emerging trends • Chapter 3 - Overview of Python • Chapter 4 - Working with Lists and Dictionaries • Chapter 5 - Understanding Data • Chapter 6 - Introduction to Numpy • Chapter 7 - Database concepts • Chapter 8 - Introduction to SQL <p>Above chapters and topics are from the NCERT book.(ENTIRE SYLLABUS) Python-25 marks, SQL-30 marks, Numpy-10 marks, Ch-1,2 - 5 marks</p>
HISTORY	<p>Theme 1: Writing & City life Theme 2: An Empire across three continents Theme 3: The Nomadic Empire Theme 4: The three orders Theme 5: Changing cultural traditions Theme 6: Displacing the indigenous people Theme 13: Mahatma Gandhi & the making of the nationalist movement</p>
GEOGRAPHY	<ul style="list-style-type: none"> • <u>Fundamentals of Physical Geography</u> <ul style="list-style-type: none"> ○ 1. Geography as a Discipline ○ 2. The Origin and Evolution of the Earth ○ 3. Interior of the Earth ○ 4. Distribution of Oceans and Continents ○ 5. Geomorphic Processes ○ 6. Landforms and their Evolution ○ 7. Composition and Structure of Atmosphere ○ 8. Solar Radiation, Heat Balance and Temperature ○ 9. Atmospheric Circulation and Weather Systems ○ 10. Water in the Atmosphere ○ 11. Water (Oceans) ○ 12. Movements of Ocean Water • <u>India, Physical Environment</u> <ul style="list-style-type: none"> ○ 1. India – Location ○ 2. Structure and Physiography ○ 3. Drainage System ○ 4. Climate

	<ul style="list-style-type: none"> ○ 5. Natural Vegetation
HOME SCIENCE	<p>Unit I Introduction to Home Science</p> <p>Unit II: Understanding oneself: Adolescence Ch.- Understanding the Self.Who am I? Development and Characteristics of the Self(Development characteristics and needs of adolescents) Ch.-Influences on Identity Ch.- Food, Nutrition, Health and Fitness Ch. - Management of Resources Ch.- Fabric Around us Ch- Media and Communication Technology</p> <p>Unit III: Understating family, community and society Ch. - Concerns and needs in diverse contexts: a.Nutrition, Health and Hygiene b.Resources Availability and Management</p> <p>Unit IV: Childhood Ch.-Survival, Growth and Development Ch. - Nutrition, Health and Wellbeing Ch.- Our Apparel</p> <p>UnitV: Adulthood Ch.- Health and Wellness Ch. - Financial Management and planning Ch.- Care and Maintenance of fabrics</p>
PAINTING	<p>UNIT I Chapter 1: ART-AN INTRODUCTION Chapter 2: ART AND THE CULTURE Chapter 3: ORIGIN AND DEVELOPMENT OF DIFFERENT FORMS OF FINE ARTS IN INDIA Chapter 4: PREHISTORIC ROCK PAINTINGS Chapter 5: ART OF INDUS VALLEY</p> <p>UNIT II Chapter 6:ART DURING MAURYN SHUNGA KUSHANA AND GUPTA PERIODS Chapter 7: THE ART OF AJANTA CAVES</p> <p>UNIT III Chapter 8: ARTISTIC ASPECTS OF INDIAN TEMPLE SCULPTURES Chapter 9: INDIAN BRONZE SCULPTURES Chapter 10: SOME ARTISTIC ASPECTS OF INDO-ISLAMIC ARCHITECTURE</p>

PHYSICAL EDUCATION	<p>UNIT- I : CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION</p> <p>UNIT-II : OLYMPIC VALUE EDUCATION</p> <p>UNIT-III : YOGA</p> <p>UNIT-IV : PHYSICAL EDUCATION AND SPORTS FOR CWSN</p> <p>UNIT-V : PHYSICAL FITNESS & WELLNESS</p> <p>UNIT-VI : TEST ,MEASUREMENT AND EVALUATION</p> <p>UNIT-VII: FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY IN SPORTS</p> <p>UNIT-VIII: FUNDAMENTAL OF KINESIOLOGY AND BIOMECHANICS IN SPORTS</p> <p>UNIT-IX : PSYCHOLOGY AND SPORTS</p> <p>UNIT-X : TRAINING & DOPING IN SPORTS</p>
POLITICAL SCIENCE	<p><u>BOOK: IDIAN CONSTITUTION AT WORK</u></p> <ol style="list-style-type: none"> 1) Constitution: Why & How? 2) Rights in the Indian Constitution 3) Election & Representation 4) Executive 5) Legislature 6) Judiciary 7) Federalism 8) Local Governments 9) Constitution As a Living Document 10) The Philosophy of the Constitution <p><u>BOOK: POLITICAL THEORY</u></p> <ol style="list-style-type: none"> 1) Political Theory: An Introduction 2) Freedom 3) Equality 4) Social Justice 5) Rights 6) Citizenship 7) Nationalism 8) Secularism

PSYCHOLOGY	Chapter 1 - What is Psychology? Chapter 2 - Methods of Enquiry in Psychology Chapter 4 - Human Development Chapter 5 - Sensory, Attentional and Perceptual Processes Chapter 6 - Learning Chapter 7 - Human Memory Chapter 8 - Thinking
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