BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034

HALF YEARLY EXAMINATION SYLLABUS (AUGUST 2024)
CLASS:XII (2024-25)
Duration of exam-3 hours

Subject	Syllabus
ENGLISH	● The Last Lesson ● Lost Spring ● Deep Water ● The Rattrap ● My Mother at Sixty-Six ● Keeping Quiet ● A Thing of Beauty ● The Third Level ● Tiger King ● Journey to the End of the Earth ● The Enemy ● Notice Writing ● Invitations and Replies ● Letter to the Editor ● Letter of Application for a Job ● Article Writing
MATHEMATICS	● Chap 2-Inverse Trigonometric Functions ● Chap 3-Matrices ● Chap 4-Determinants ● Chap 5-Continuity and Differentiability ● Chap 6-Application of Derivatives ● Chap 7-Integration ● Chap 8-Application of Integrals ● Chap 9 : Differential Equations
PHYSICS	● Chapter–1: Electric Charges and Fields ● Chapter–2: Electrostatic 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 ● Chapter–8: Electromagnetic Waves
CHEMISTRY	● Chapter - Haloalkanes and haloarenes ● Chapter - Alcohol,phenol and ethers ● Chapter -Aldehydes,ketones and carboxylic acids ● Chapter - Amines ● Chapter - Biomolecules

COMPUTER SCIENCE	● Python revision tour I and II ● Working with Functions ● Sorting and Searching mechanisms ● File Handling ● Stack Operations ● SQL - Database Concepts ● SQL Commands including Joins
BIOLOGY	● 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 ● Chapter-7: Evolution ● Chapter-8: Human Health and Diseases ● Chapter-10: Microbes in Human Welfare ● Chapter-11: Biotechnology - Principles and Processes
ACCOUNTANCY	Book-1 ● Chapter -1 Fundamentals of Partnership ● Chapter -2 Nature and valuation of Goodwill ● Chapter -3 Change in profit sharing ratio ● Chapter -4 Admission of a partner ● Chapter -5 Retirement and Death of a partner ● Chapter -6 Dissolution of partnership firm Book-2 ● Chapter -2 Issue of Debentures Book-3 ● Chapter -1 Financial statements of a company ● Chapter -2 Analysis of financial statements ● Chapter -3 Comparative and Common size statements
BUSINESS STUDIES	● Chapter Nature and Significance of Management ● Chapter Principles of Management ● Chapter Planning ● Chapter Financial Management ● Chapter Financial Markets ● Chapter Marketing ● Chapter Consumer Protection
ECONOMICS	**Macro Economics** Unit 1 National Income Aggregates Unit 2 Money and Banking Unit 3 Theory of income and Employment Unit 4 Government Budget
INFORMATICS PRACTICES	● Chapter 1- Querying and SQL Functions(Revision of MySQL) ● Chapter 2 - Python Pandas I ● Chapter 3- Data Handling using Pandas II (max,min,sum,mean,median,mode and groupby) ● Chapter 4- Plotting Data using Matplotlib

	● Chapter 5 - Internet and Web Above chapters and topics are from the NCERT book
HISTORY	● Theme 1- Bricks,BeaTds and Bones ● Theme 2- Kings,Farmers and owns ● Theme 3-Kinship,Caste and Class ● Theme 4-Thinkers,Beliefs and Buildings ● Theme 5- Through the Eyes of the Travellers ● Theme 6- Bhakti- Sufi Traditions ● Theme 7-An Imperial Capital:Vijayanagara ● Theme 8-Peasants,Zamindar and the State ● Including Map work of the related themes
GEOGRAPHY	**Book: Fundamentals of Human Geography** UNIT I ● 1. Human Geography Nature and Scope UNIT II ● 2. The World Population Distribution, Density and Growth ● 3. Human Development UNIT III ● 4. Primary Activities ● 5. Secondary Activities ● 6. Tertiary and Quaternary Activities ● 7. Transport and Communication ● 8. International Trade
HOME SCIENCE	**UNIT I WORK, LIVELIHOOD AND CAREER** ● Chapter: WORK, LIVELIHOOD AND CAREER **UNIT II NUTRITION, FOOD SCIENCE AND TECHNOLOGY** ● Chapter: CLINICAL NUTRITION AND DIETETICS ● Chapter: PUBLIC NUTRITION AND HEALTH ● Chapter: FOOD PROCESSING AND TECHNOLOGY ● Chapter: FOOD QUALITY AND FOOD SAFETY ● Chapter: MANAGEMENT OF SUPPORT SERVICES, INSTITUTIONS AND PROGRAMMES FOR CHILDREN, YOUTH AND ELDERLY **UNIT IV FABRIC AND APPAREL** ● Chapter: DESIGN FOR FABRIC AND APPAREL
PAINTING	● Six limbs of Indian Painting ● The Rajasthani School of Miniature painting ● The Pahari School of Miniature painting ● The Mughal School of Miniature painting ● The Deccan School of Miniature painting ● The Bengal School of painting ● The Modern Trends of India Art(Painting)
PHYSICAL EDUCATION	● Unit -1-Management of Sporting events ● Unit-2-Children and Women in sports ● Unit-3-Yoga as preventive measures for lifestyle diseases ● Unit-4-Physical Education and Sports for CWSN

	● UNIT-5-Sports and Nutrition ● Unit-6-Test and Measurement in sports
POLITICAL SCIENCE	<u>Book: Contemporary World Politics</u> ● The End of Bipolarity ● Contemporary Centres of Power ● Contemporary South Asia ● International Organisations ● Security in the Contemporary World ● Environment and Natural Resources ● Globalization <u>Book: Politics in India Since Independence</u> ● Challenges of Nation Building ● Era of One- Party Dominance
PSYCHOLOGY	● Chapter 1 - Variations in Psychological Attributes ● Chapter 2 - Self and Personality ● Chapter 4 - Psychological Disorders ● Chapter 5 - Therapeutic Approaches
TRAVEL AND TOURISM	● Introduction to travel and Tour operation Business ● Operations of Travel Agency ● Transport Network ● Itinerary planning

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