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 ● 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
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–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
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-3 - Chapter -1 Financial statements of a company - Chapter -3 Comparative and Common size statements
BUSINESS STUDIES	- Chapter Nature and Significance of Management - Chapter Principles of Management - 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	Book: Contemporary World Politics - The End of Bipolarity - Contemporary Centres of Power - Contemporary South Asia - International Organisations - Security in the Contemporary World - Environment and Natural Resources - Globalization Book: Politics in India Since Independence - 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
TOURISM	- Introduction to travel and Tour operation Business - Operations of Travel Agency - Transport Network - Itinerary planning - Employability skills - Unit 2 : Self- management skills

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