Blue Angels Global School

A Recognised Sr. Sec. School, Affiliated to CBSE
Charmwood Village, Faridabad (Haryana)
PREBOARD II (2023-24)
CLASS – XII

DATE & DAY	SCIENCE	COMMERCE	HUMANITIES
17.01.2024 (WEDNESDAY)	PHYSICS	ECONOMICS	ECONOMICS
20.01.2024 (SATURDAY)	CHEMISTRY	ACCOUNTANCY	HISTORY
22.01.2024 (MONDAY)	-	MATHS	-
23.01.2024 (TUESDAY)	BIOLOGY/ MATHS	BUSINESS STUDIES	POLITICAL SCIENCE
25.01.202 (THURSDAY)	ENGLISH/ PAINTING	ENGLISH/ PAINTING	ENGLISH/ PAINTING
27.01.2024 (SATURDAY)	INFORMATICS PRACTICES/ PHYSICAL EDUCATION	INFORMATICS PRACTICES/ PHYSICAL EDUCATION	INFORMATICS PRACTICES/ PHYSICAL EDUCATION

SYLLABUS

SUBJECT	SYLLABUS
ENGLISH	**Section A – 22 Marks** **Reading Skills** One unseen passage One unseen case based factual passage **Section B – 18 Marks** **Writing Skills** Notice Writing Formal/ Informal Invitation and Reply Letter writing Article/report writing **Section C – 40 Marks** **Literature** 1. Flamingo (Prose) The Last Lesson Lost Spring

	Deep Water The Rattrap Indigo Poets and Pancakes The Interview Going Places (Poetry) My Mother at Sixty-Six Keeping Quiet A Thing of Beauty A Roadside Stand Aunt Jennifer's Tigers 2. Vistas The Third Level The Tiger King Journey to the End of the Earth The Enemy On the Face of It Memories of Childhood ○ The Cutting of My Long Hair ○ We Too are Human Beings
ECONOMICS	**Part A: Introductory Macroeconomics** Unit 1: National Income and Related Aggregates Unit 2: Money and Banking Unit 3: Determination of Income and Employment Unit 4: Government Budget and the Economy Unit 5: Balance of Payments **Part B: Indian Economic Development** Unit 6: Development Experience (1947-90) and Economic Reforms since 1991: Unit 7: Current challenges facing Indian Economy Unit 8: Development Experience of India
ACCOUNTANCY	**Part A: Accounting for Partnership Firms and Companies** **Unit 1: Accounting for Partnership Firms** • Partnership: features, Partnership Deed. • Provisions of the Indian Partnership Act 1932 in the absence of partnership deed. • Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits. • Past adjustments (relating to interest on capital, interest on drawing, salary and profit sharing ratio). • Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization. **Accounting for Partnership firms - Reconstitution and Dissolution.** • Change in the Profit Sharing Ratio • Admission of a partner • Retirement and death of a partner • Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account and his executor's account. • Dissolution of a partnership firm **Unit-2 Accounting for Companies** • Accounting for Share Capital

	• Accounting for Debentures **Part B: Financial Statement Analysis** **Unit 3: Analysis of Financial Statements** **Financial statements of a Company:** • Financial Statement Analysis: Meaning, Significance • Tools for Financial Statement Analysis • Accounting Ratios • Liquidity Ratios • Solvency Ratios • Activity Ratios • Profitability Ratios **Unit 4: Cash Flow Statement** • Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only)
BUSINESS STUDIES	**Part A: Principles and Functions of Management** Unit 1: Nature and Significance of Management Unit 2: Principles of Management Unit 3: Business Environment Unit 4: Planning Unit 5: Organising Unit 6: Staffing Unit 7: Directing Unit 8: Controlling **Part B: Business Finance and Marketing** Unit 9: Financial Management Unit 10: Financial Markets Unit 11: Marketing Unit 12: Consumer Protection
PHYSICS	**Unit I: Electrostatics** Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance **Unit II: Current Electricity** Chapter–3: Current Electricity **Unit III: Magnetic Effects of Current and Magnetism** Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter **Unit IV: Electromagnetic Induction and Alternating Currents** Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current **Unit V: Electromagnetic waves** Chapter–8: Electromagnetic Waves **Unit VI: Optics** Chapter–9: Ray Optics and Optical Instruments Chapter–10: Wave Optics **Unit VII: Dual Nature of Radiation and Matter** Chapter–11: Dual Nature of Radiation and Matter **Unit VIII: Atoms and Nuclei** Chapter–12: Atoms Chapter–13: Nuclei **Unit IX: Electronic Devices** Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits

CHEMISTRY	1) Solutions 2) Electrochemistry 3) Chemical Kinetics 4) d -and f -Block Elements 5) Coordination Compounds 6) Haloalkanes and Haloarenes 7) Alcohols, Phenols and Ethers 8) Aldehydes, Ketones and Carboxylic Acids 9) Amines 10) Biomolecules

MATHS	**Unit-I: Relations and Functions**
	    1. Relations and Functions
	    2. Inverse Trigonometric Functions
	Unit-II: Algebra
	    1. Matrices
	    2. Determinants
	Unit-III: Calculus
	    1. Continuity and Differentiability
	    2. Applications of Derivatives
	    3. Integrals
	    4. Applications of the Integrals
	    5. Differential Equations
	Unit-IV: Vectors and Three-Dimensional Geometry
	    1. Vectors
	    2. Three - dimensional Geometry
	Unit-V: Linear Programming
	    1. Linear Programming
	Unit-VI: Probability
	    1. Probability

BIOLOGY	**Unit-VI Reproduction** Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Chapter-4: Reproductive Health **Unit-VII Genetics and Evolution** Chapter-5: Principles of Inheritance and Variation Chapter-6: Molecular Basis of Inheritance Chapter- 7: Evolution **Unit-VIII Biology and Human Welfare** Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare **Unit-IX Biotechnology and its Applications** Chapter-11: Biotechnology - Principles and Processes Chapter-12: Biotechnology and its Applications **Unit-** **X Ecology and Environment** Chapter-13: Organisms and Populations Chapter-14: Ecosystem Chapter-15: Biodiversity and its Conservation

POLITICAL SCIENCE	**PART A-CONTEMPORARY WORLD POLITICS** 1) The End of Bipolarity 2) Contemporary Centres of Power 3) Contemporary South Asia 4) International Organizations 5) Security in the Contemporary World 6) Environment and Natural Resources 7) Globalisation **PART B-POLITICS IN INDIA SINCE INDEPENDENCE** 1) Challenges of Nation-Building 2) Era of One-Party Dominance 3) Politics of Planned Development 4) India's External Relations 5) Challenges to and Restoration of the Congress System 6) The Crisis of Democratic Order 7) Regional Aspirations 8) Recent Developments in Indian Politics
HISTORY	**Themes in Indian History Part—I** 1) Bricks, Beads and Bones: The Harappa Civilisation 2) Kings, Farmers and Towns: Early States and Economies (c.600 BCE600 CE) 3) Kingship, Caste and class: Early Societies (c. 600 BCE600 CE) 4) Thinkers, Beliefs and Buildings: Cultural Developments (c. 600 BCE600 CE) **Themes in Indian History Part—II** 5) Through the eyes of Travellers Perceptions of Society (c. tenth to seventeenth centuries) 6) Bhakti-Sufi Traditions Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries) 7) An Imperial Capital – Vijayanagar (c. fourteenth to sixteenth centuries) 8) Peasants, zamindars and the States Agrarian Society and the Mughal Empire (c. sixteenth-seventeenth centuries) **Themes in Indian History Part—III** 09) Colonialism and The Countryside: Exploring Official Archives 10) Rebels and Raj: 1857 Revolt and its Representations 11) Mahatma Gandhi and the National Movement: Civil Disobedience and Beyond 12) Framing of the Constitution: The Beginning of a New Era

PHYSICAL EDUCATION	UNIT 1) Management of Sporting Events UNIT 2) Children and Women in Sports UNIT 3) Yoga as Preventive measure for Lifestyle Disease UNIT 4) Physical Education & Sports for (CWSN) UNIT 5) Sports & Nutrition UNIT 6) Test and Measurement in Sports UNIT 7) Physiology & Injuries in Sport UNIT 8) Biomechanics and Sports UNIT 9) Psychology and Sports UNIT 10) Training in Sports
IP	**Unit 1: Data Handling using Pandas -I** Introduction to Python Data structures in Pandas Series: Creation of Series Data Frames: creation Importing/Exporting Data between CSV files and Data Frames. **Data Visualization** Purpose of plotting Histogram Customizing plots: adding label, title, and legend in plots. **Unit 2: Database Query using SQL** -Revision of database concepts and SQL commands covered in class XI **-Math functions:** POWER (), ROUND (), MOD (). **-Text functions:** UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). -**Date Functions:** NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). **-Aggregate Functions:** MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). -Querying and manipulating data using Group by, Having, Order by. -Working with two tables using equi-join **Unit 3: Introduction to Computer Networks** -**Introduction to networks**, Types of network: PAN, LAN, MAN, WAN. -**Network Devices:** modem, hub, switch, repeater, router, gateway -**Network Topologies:** Star, Bus, Tree, Mesh. -**Introduction to Internet**, URL, WWW, and its applications- Web, email, Chat, VoIP. -**Website:** Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. -**Web Browsers:** Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies. **Unit 4: Societal Impacts**

	-**Digital footprint**, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. -**E-waste:** hazards and management. -Awareness about health concerns related to the usage of technology.

PAINTING	**Unit 1**
	 (a) The Rajasthani School: 1. Origin and Development 2. Sub-Schools-Mewar, Bundi, Jodhpur, Bikaner, Kishangarh and Jaipur 3. Main features of the Rajasthani School 4. Appreciation of the following Rajasthani paintings
	Title:Maru-Ragini ,Chaugan Players ,Krishna on swing ,Radha (Bani-Thani),Bharat Meets Rama at Chitrakuta.
	(b)The Pahari School: 1. Origin and development 2. Sub-Schools-Basohli, Guler, Kangra, Chamba andGarhwal 3. Main features of the PahariSchool 4. Appreciation of the following Pahari paintings:
	Title: Krishna with Gopis Nand, Yashoda and Krishna with Kinsmen Going to Vrindavana.
	Unit 2
	The Mughal and Deccan Schools of Miniature Painting (16th Century AD to 19th Century A.D.)
	 (a) The Mughal School 1. Origin and development 2. Main features of the Mughal School 3. Appreciation of the following Mughal Paintings:
	Title: Krishna Lifting Mount Govardhana ,Falcon on a Bird-Rest , Kabirand Raidas , Marriage Procession of Dara Shukoh.
	(b) The Deccan School 1. Origin and development 2. Main features of the Deccan School 3. Appreciation of the following Deccan paintings:
	Title: Hazrat Nizamuddin Auliya and Amir Khusro, Chand Bibi Playing Polo (Chaugan).
	Unit 3
	 (a) The Bengal School of Painting and the Modern trends in Indian Art (About the beginning to mid of the 20th Centuary)
	  (i) National Flag of India and the Symbolic significance of its forms and the colours.
	  (ii) Introduction to the Bengal School of Painting (i) Origin and development of the Bengal School ofPainting (ii) Main features of the Bengal School ofPainting
	  (iii) Appreciation of the following paintings of the Bengal school: (i) Journey's End – Abanindranath Tagore (ii) Shiv and Sati- Nandla Bose (iv) Radhika - M.A.R.Chughtai (v) Meghdoot - Ram Gopal Vijaivargiya Contribution of Indian artists in the struggle for National Freedom Movement.
	 (b) The Modern Trends in Indian Art Appreciation of the following contemporary (Modern) Indian Art.
	 (i) Paintings: Rama Vanquishing the Pride of the Ocean – Raja Ravi Varma, Mother and child – Jamini Roy , Haldi Grinders - Amrita Sher Gill , Mother Teresa - M.F.Husain.
	 (ii) Graphic - prints: Children – Somnath Hore , Devi – Jyoti Bhatt , Of Walls - AnupamSud ,Man, Woman and Tree - K. Laxma Goud
	 (iii) Sculptures: Triumph of Labour - D. P. Roychowdhury, Santhal Family – RamkinkarVaij, Cries Un - heard – Amar Nath Sehgal, Ganesha - P.V. Janaki Ram.

Examination Department   Principal's Signature