



Bhavan Vidyalaya, Panchkula

Class – XII

Syllabus for Term- I (2024-25)

Sr. No.	SUBJECT	SYLLABUS
1.	English	Comprehension Invitation and Replies Report Writing Application for a job The Rattrap Indigo Poets and Pancakes The Interview A Thing of Beauty Aunt Jennifer's Tigers The Tiger King Journey to the end of the Earth Memories of childhood
2.	Physics	Chapter – 4. Moving Charges and Magnetism Chapter - 5. Magnetism and Matter Chapter – 6. Electromagnetic induction Chapter – 7. Alternating Current Chapter - 8. Electromagnetic waves Chapter – 9. Ray optics and optical instruments Chapter – 10. Wave optics Chapter – 11. Dual nature of Radiation and matter Chapter – 12. Atoms Chapter – 13. Nucli Chapter – 14. Semi Conductor and devices
3.	Chemistry	Chapter - 1. Solutions Chapter - 2. Electrochemistry Chapter – 3. Chemical Kinetics Chapter – 4. Co-ordination Chapter – 5. d & f block Chapter – 6. Haloalkane, Haloarenes Chapter – 7. Alcohols, Phenols, Ethers Chapter – 8. Biomolecules
4.	Biology	Chapter – 3. Human Reproduction Chapter – 5. Principle of inheritance & variation Chapter – 6. Molecular basis of Inheritance Chapter – 7. Evolution Chapter – 8. Human Health & Diseases Chapter – 10. Microbes in Human Welfare Chapter – 11. Bitechology – Principles and Processes Chapter – 12. Bitechology and its applications Chapter – 13. Organisms and Populations Chapter – 14. Ecosystem Chapter – 15. Biodiversity and its Conservation

5.	Maths	<ol style="list-style-type: none"> 1. Relations & Functions 2. Inverse Trigonometric functions 3. Matrices 4. Determinants 5. Continuity & Differentiability 6. Application of Derivatives 7. Integrals 8. Application of Integrals 9. Differential Equations 10. Linear Programming Problems
6.	Applied Maths	Unit –1. Numbers, Quantification and Numerical Applications Unit - 2. Algebra Unit - 3. Calculus Unit - 6. Time based Data Unit – 7. Financial Mathematics Unit – 8. Linear Programming
7.	Sociology	<u>Book – I</u> Chapter – 4. Social Inequality & Exclusion Chapter – 5. Challenges of Cultural Diversity <u>Book – II</u> Chapter – 1. Structural Change Chapter - 2. Cultural Change Chapter – 4. Change & Development in Rural Society Chapter – 5. Change & Development in urban Society Chapter – 8. Social Movements
8.	Psychology	Chapter – 1. Intelligence Chapter – 2. Personality Chapter – 3. Stress Chapter - 4. Psychological Disorders Chapter – 5. Therapies Chapter – 7. Groups
9.	Economics	<u>Macroeconomics :</u> Unit – 1. National Income & related Aggregates Unit – 2. Money and Banking Unit - 3. Determinations of Income and Employment Unit – 4. Government Budget & the Economy Unit - 5. Balance of Payment <u>Indian Economic Development</u> Unit – 6. Developments Experience(1947-1990) & Economic Reforms since 1991 Unit – 7. Human Capital Formation Unit - 8. Development Experience of India
10.	Accountancy	Partnership – Full. Company Accounts – Ratio Analysis <ul style="list-style-type: none"> - Cash Flow Statement - Financial statements of a company - Financial statement analysis.
11.	Business Studies	Part – I – NCERT Full (Chapter 1 - 8) Part – II – Chapter - 9 & 12

12.	History	<ol style="list-style-type: none"> 1. Theme - 1. Bricks, Beads & Bones 2. Theme – 2. Kings, Farmers, Towns 3. Theme – 3. Kinship Caste & Class 4. Theme – 4. Thinkers, Beliefs & Buildings 5. Theme - 5. Through the eyes of travellers 6. Theme - 6. Bhakti & Sufi traditions 7. Theme - 7. Am imperial capital – Vijaynagar 8. Theme - 8. Peasants, Zamindars to the state 9. Theme – 10. Colonialism & the Countryside 10. Theme- 11. Rebels and the Raj
13.	Legal Studies	Unit – I. Judiciary Unit – II. Alternative Dispute Resolution in India (ADR) Unit – III. Business Laws Unit – IV. General Laws Unit – V. Concept of Human Rights
14.	Political Science	Part A – <u>CONTEMPORARY WORLD POLITICS</u> <ol style="list-style-type: none"> 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 <u>PART B - POLITICS IN INDIA SINCE INDEPENDENCE</u> <ol style="list-style-type: none"> 8.India’s External Relations
15.	Computer Science	Chapter 2 - Python Revision tour - II (2.4, 2.5, 2.6) Chapter 3 - Working With Functions Chapter 8 - Computer Networks I Chapter 9 - Computer Networks II Chapter 10 - Relational Databases Chapter 11 - Simple Queries in SQL Chapter 12 - Table Creation and Data Manipulation Commands Chapter 13 - Grouping Records, Joins in SQL
16.	Physical Education	Unit – I. Management of Sporting Event Unit – II. Children and Women in Sports Unit – III. Yoga Unit – IV. CWSN(children with special needs) Unit – V. Sports and Nutrition Unit – VI. Test and Measurement
17.	Food Production	Chapter – 3. Indian Sweets Chapter - 4. Indian Gravies Chapter – 5. Presentation of Indian Meals Chapter – 6. Fast Food Chapter - 8. Menu Planning <u>Employment Management</u> Chapter – 2. Self Management Chapter - 3. ICT

18.	Music	<p>(1). Definitions : Meend, Khatka, Murki, Kan (2). Brief Study : Alaap, Tan (3). Time Theory (4) Sangeet Ratnakar (5) Bade Gulam Ali Khan (Life Sketch) (6) Jhaptaal (7) Notation Drut Khayal of Rag Malkauns and Rag Parichay also.</p>
19.	Kathak	<p>1. A brief history of Indian Classical Dances. 2. Rasa – Definition and explanation of Nine Rasas. 3. Basic understanding of the term Abhinaya and definition of its four aspects. 4. Notation of Tukra, Kavita & Tehai 5. Teentaal & Dadra Taal</p>
20.	Hindi	<p>आरोह– आत्मपरिचय, एक गीत, पतंग, कविता के बहाने, बात सीधी थी पर, कैमरे में बंद अपाहिज, उषा, भक्तिन, बाज़ार दर्शन, काले मेघा पानी दे, पहलवान की ढोलक वितान– सिल्वर वैडिंग, जूझ कार्यालयी हिंदी और रचनात्मक लेखन विभिन्न माध्यमों के लिए लेखन, पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया, विशेष लेखन–स्वरूप और प्रकार, कैसे बनती है कविता, नाटक लिखने का व्याकरण, कैसे लिखें कहानी, कैसे करें कहानी का नाट्य रूपांतरण, कैसे बनता है रेडियो नाटक, नए और अप्रत्याशित विषयों पर लेखन, कार्यालयी लेखन और प्रक्रिया, अपठित गद्यांश, अपठित काव्यांश।</p>
21.	Painting	<p>1). The Rajasthani and Pahari School of miniature Painting. 2). The Mughal and Deccan School of Arts (Miniature Paintings).</p>
