



Bhavan Vidyalaya, Panchkula

Class – XII

Syllabus for Term –I (2025-26)

Sr. No.	Subject	Syllabus
1.	English	<p>The Last Lesson</p> <p>Notice</p> <p>Lost Spring</p> <p>The Third Level</p> <p>Letter to the Editor</p> <p>Comprehension</p> <p>The Tiger King</p> <p>My Mother at Sixty-six</p> <p>Article Writing</p> <p>Invitations and Replies</p> <p>Keeping Quiet</p> <p>Deep Water</p> <p>Journey to the End</p> <p>Report Writing</p> <p>The Rattrap</p> <p>A Thing of Beauty</p> <p>The Enemy</p> <p>Application For a Job</p> <p>Indigo</p> <p>The Interview</p>
2.	Physics	<p>Chapter–3: Current Electricity</p> <p>Chapter–4: Moving Charges and Magnetism</p> <p>Chapter–5: Magnetism and Matter</p> <p>Chapter–6: Electromagnetic Induction</p> <p>Chapter–8: Electromagnetic Waves</p> <p>Chapter–9: Ray Optics and Optical Instruments</p>
3.	Chemistry	<p>1. Solutions</p> <p>2. Electrochemistry</p> <p>3. Coordination Compounds</p> <p>4. Haloalkanes and Haloarenes</p> <p>5. Alcohols, Phenols and Ethers</p> <p>6. Chemical Kinetics</p>

4.	Biology	1. Sexual Reproduction in Flowering Plants. 2. Human Reproduction. 3. Reproductive Health. 4. Principles of Inheritance and Variation. 5. Molecular basis of Inheritance. 6. Evolution 7. Human Health and Disease.
5.	Maths(Core)	Chapter 1 Relations and Functions Chapter 2 Inverse Trigonometric Functions Chapter 3 - Matrices Chapter 4 Determinants Chapter 5 Continuity and Differentiability Chapter 6 Application of Derivatives Chapter 10 Vector Algebra Chapter 11 Three Dimensional Geometry Chapter 13 - Probability
6.	Applied Math	Unit 1 Numbers, Quantification and Numerical Applications Unit 2 Algebra Unit 3 Calculus Unit 4 Probability Distributions Unit 6 Time-based data Unit 8 Linear Programming
7.	Sociology	<u>Book - I</u> Chapter 2 - The Demographic Structure Chapter 3- Social Institutions: Continuity and Change Chapter 5 - Patterns of Social Inequality and Exclusion Chapter 6 - The Challenges of Cultural Diversity <u>Book - II</u> Chapter 1 - Structural Change Chapter 2- Cultural Change
8.	Psychology	Chapter 1 - Intelligence Chapter 3 - Stress Chapter 4 - Psychological Disorders Chapter 5 - Therapies Chapter 6 - Attitude Chapter 7 – Groups
9.	Political Science	1. The End of Bipolarity 2. Contemporary Centres of Power 3. Contemporary South Asia 4. International Organizations 5. Security in the Contemporary World 6. Challenges of Nation-Building 7. Era of One-Party Dominance 8. Politics of Planned Development

16.	Computer Science	1. Python tour 1 2. Python tour 2 3. Working with Functions 4. File Handling 5. Data Structure -1 6. Data Structure-2 7. Relational Database 8. Simple Queries in SQL 9. Table Creation and DML 10. Grouping Records, Joins in SQL
17.	Food Production	Chapter 1 Indian Regional Cookery Chapter 2 Indian Snacks Chapter 3 Indian Gravies Chapter 4 Indian Sweets Chapter 5 Presentation of Indian Meals
18.	Music	Definitions – 1. Alankar, Kan , Meend , Khatka , Murki , Aalaap & Taan . 2. Sangeet Ratnakar Book Analysis and Critical Study ! 3. Time Theory of Raagas in Indian Classical Music. 4. Life sketch of Ustad Faiyaz Khan & Ustad Bade Ghulam Ali Khan 5. Taal Description- Taal Jhaptaal & Rupak 6. Raag Description and Notation of Raag Malkauns & Raag Bhairav 7. Tuning of Tanpura. Explain in Detail.
19.	Kathak	<u>Theory</u> 1. A brief history of other classical dance styles of India. 2. Basic understanding of the term Abhinaya and definition of its four aspects: angika, vachika, aharya, satvika. 3. Knowledge of the following terms: (short note) sangeet, tal, laya, angahara, bhamari, lokadharmi, natyadharmi, rasa and bhava. 4. Recitation and taali of all notation work <u>Practical</u> Practice of the tatkar set to teen taal and jhap taal in slower tempo, in its double (dugun) and four times (chougun) tempos. 2. Student should know all the techniques and compositions of the following: (i) Vandanaa 1 (ii) Thaata 1 (iii) Aamad 2 (iv) Fast aamad 2 (v) Tukda, Toda 1 (vi) Tihaayi 4
20.	Painting	1). Fundamental of Visual Art 2). Rajsthan School of Miniature Painting 3). Phari School of Miniature Painting 4). Mughal School of Painting 5). Deccan school of Painting
