



Bhavan Vidyalaya, Panchkula

Class – XII

Syllabus for Term - 1

Sr. No.	Subject	Syllabus
1.	English	1. Comprehension - Unseen Passage 2. Notice Writing 3. Invitations and Replies - Formal & Informal 4. Letter to the Editor 5. Application for a Job 6. Article Writing 7. Report Writing LITERATURE 1. The Last Lesson 2. The Rattrap 3. Indigo 4. The Interview 5. Going Places 6. The Enemy 7. The Tiger King 8. Journey to the End of the Earth 9. My Mother at Sixty Six 10. A Thing of Beauty 11. Aunt Jennifer's Tigers
2.	Physics	1. Magnetic effects of current. 2. Magnetism 3. Electromagnetic induction 4. Alternating current 5. Electromagnetic waves 6. Ray Optics and optical instruments 7. Wave optics
3.	Chemistry	1. Solutions 2. Electrochemistry 3. Chemical kinetics 4. Coordination Chemistry 5. Haloalkanes and haloarenes 6. Biomolecules
4.	Biology	TERM 1 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

5.	Maths(Core)	Part-I 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 Part-II Chapter 10: Vector Algebra Chapter 11: Three Dimensional Geometry Chapter 12: Linear Programming Chapter 13: Probability
6.	Applied Math	UNIT 1 _Numbers, Quantification and Numerical Applications UNIT II _Algebra UNIT III _Calculus UNIT IV _Probability Distributions UNIT VI_ Time-based data UNIT VIII _ Linear Programming
7.	Sociology	Book 1 (Indian Society) Chapter 4 Patterns of Social Inequality and Exclusion Chapter 5 The Challenges of Cultural Diversity Book 2 (Social Change and Development in India) Chapter 1 Structural Change Chapter 2 Cultural Change Chapter 4 Change and Development in Rural Society
8.	Psychology	1. Ch 1- Intelligence 2. Ch 2- Self & Personality 3. Ch 3- Stress 4. Ch 4- Psychological Disorder 5. Ch 5- Psychological Therapies 6. Ch 7- Groups
9.	Economics	Part A: Introductory Macroeconomics UNIT 1 : National Income and Related Aggregates (Ch 1 to 4) Unit 2 : Money and Banking (Ch 5 to 6) Unit 4 : Government Budget and the Economy (Ch 10) Unit 5 : Balance of Payments (Ch 11 to 12) Part B: Indian Economic Development Unit 6 : Development Experience (1947-1990) & Economic Reforms since 1991 (Ch 1 to 3) Unit 7 : Current Challenges facing Economy (Ch 5 (Rural Development) and Ch 7 (Environment & Sustainable Development) Unit 8 : Comparative Development Experiences of India and its Neighbours (Ch 8)

10.	Accountancy	1. Accounting for Partnership Firms-Fundamentals 2. Goodwill: Nature and Valuation 3. Change in Profit-Sharing Ratio among the Existing Partners 4. Admission of a Partner 5. Retirement of a Partner 6. Death of a Partner 7. Dissolution of a Partnership Firm 8. Accounting for Share Capital 9. Issue of Debentures
11.	Business Studies	Chapter 1 - Nature and significance of Management Chapter 2 - Principles of Management Chapter 3 - Business Environment Chapter 4 - Planning Chapter 5 - Organising Chapter 6 - Staffing Chapter 7 - Directing Chapter 8 - Controlling
12.	History	Part I: Ancient India Theme 1 – Bricks, Beads and Bones: The Harappan Civilisation Theme 2 – Kings, Farmers and Towns: Early States and Economies (c. 600 BCE–600 CE) Theme 3 – Kinship, Caste and Class: Early Societies (c. 600 BCE–600 CE) Theme 4 – Thinkers, Beliefs and Buildings: Cultural Developments (c. 600 BCE–600 CE) Part II: Medieval India 5. Theme 5 – Through the Eyes of Travellers: Perceptions of Society (c. 10th–17th Century) 6. Theme 6 – Bhakti-Sufi Traditions: Changes in Religious Beliefs and Devotional Texts 7. Theme 7 – An Imperial Capital: Vijayanagara 8. Theme 8 – Peasants, Zamindars and the State: Agrarian Society and the Mughal Empire
13.	Legal Studies	Unit -1 – Judiciary Unit-2- Alternative Dispute Resolution (ADR) Unit -3- Topics in Law I (Business Laws) Chapter 3(A): Law of Contract Chapter 3(B): Law of Torts Chapter 3(C): Law of Property Chapter 3(D): Intellectual Property Law Unit-4- Topics in Law II (General Laws) Chapter 4(A): Law and Sustainable Development Chapter 4(B): Forms of Legal Entities SyllabusChapter 4(C): Criminal Laws in India

14.	Political Science	Book-1 Politics in India Since independence 1. Era of One-Party Dominance 2. Politics of Planned Development 3. India's External Relations 4. Contemporary South Asia Book-2 Contemporary World Politics 5. International Organizations 6. Security in the Contemporary World
15.	Computer Science	Chapter 1. Python Revision Tour I Chapter 2. Python Revision Tour II Chapter 3. Working with Functions Chapter 4. Using functions defined in modules 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	1. Yoga has preventive measure for lifestyle disease. 2. physical education, and sports for CWSN 3. sports and nutrition 4. test and measurement in sports 5. physiology and injuries in sports
17.	Food Production	Employability Skills Chapter 1 - Communication skills Chapter 2 - Self management skills Chapter 3 - Information and Communication technology Food Production Chapter 2 - Indian Snacks Chapter 4 - Indian Snacks Chapter 5 - Presentation of Indian Meals Chapter 6 - Fast Food Chapter 7 - Introduction to baking Chapter 8 - Menu Planning
18.	Music	Learn Raag bhairav aroh avroh pakar, chota khyal,alap tane and notation Raag Malkauns Tarana, Swar Lipi Parichai, Aroh,Avroh, Pakad Time theory Faiyaz khan jeevni Bade Gulam Ali Khan jeevni Definitions- Alankar, Meend, Kan Taal Rupak and Jhap Taal Tuning of Tanpura dugh, choguh

19.	Kathak	<u>Theory M.M. 30</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, bhramari, lokadharmi, natyadharmi, rasa and bhava. 4. Knowledge of the technical terminology of the dance form. a) Definition of the following: i) Vandana ii) Tihaayi iii) Aamad iv) Toda/Tukraa v) Paran vi) Chakardar Toda /Tukraa and Paran b) Knowledge of Theka of Dadra, Kaharwa, Roopak. <u>Practical M.M. 70</u> 1. 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 (vi) Tihaayi 4 (vii) Chakradhar tukra
20.	Painting	a. The Rajasthani School b. The Pahari School c. The Mughal School d. The Deccan school
21	FMM	Unit 1 - Introduction to Indian securities market and trading membership Unit 2 - Trading Unit 3 - Clearing and settlement, legal framework Unit 5 - Introduction to derivatives Employability Skills Unit 2 - Self management skills Unit 4 - Entrepreneurial skills
