

Bhavan Vidyalaya Panchkula
Pre-Board - II (2022-23)
Class –XII

Subject	Topics
English	Comprehension Notice Invitations and Replies Letter to the Editor Application for a job Article Report The Last Lesson Lost Spring Deep Water The Rattrap Indigo Poets and Pancakes The Interview Going Places My Mother at Sixty-Six Keeping Quiet A Thing of Beauty A Roadside Stand Aunt Jennifer's Tigers The Third Level The Tiger King Journey to the End of the Earth The Enemy On the Face of It Memories of Childhood
Accountancy	Unit – 1. Accounting for Partnership Firms Unit – 2. Accounting for Companies Unit – 3. Analysis of Financial Statements Unit – 4. Cash Flow Statement
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 Chapter – 9. Financial Management Chapter – 10. Financial Markets Chapter – 11. Marketing Management Chapter – 12. Consumer Protection

Economics	<p>Part – A. <u>Introductory Macroeconomics</u> 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 <u>Indian Economic and Development</u> Unit – 6. Development Experience (1947- 1990) and Economic Reforms since 1991 Unit -7. Current Challenges facing Indian Economy Unit – 8. Development Experience of India – A Comparison with Neighbours</p>
Physics	<p>Chapter–1: Electric Charges and Field 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–7: Alternating Current Unit–V Electromagnetic Waves 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: Nuclei Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits</p>
Chemistry	<ol style="list-style-type: none"> 1. Solutions 2. Electrochemistry 3. Chemical Kinetics 4. D & F block 5. Coordination Chemistry 6. Haloalkanes & Haloarenes 7. Alcohols, Phenols & ethers 8. Aldehydes, ketones & carboxylic acid 9. Amines 10. Bio molecules
Biology	<ol style="list-style-type: none"> 1. Sexual Reproduction in Flowering Plants 2. Human Reproduction 3. Reproductive Health 4. Principles of Inheritance & Variations 5. Molecular Basis of Inheritance 6. Evaluation 7. Human Health & Disease 8. Microbes in Human Welfare 9. Biotechnology – Principles & Processes 10. Biotechnology & its applications 11. Organism & Populations 12. Ecosystem 13. Biodiversity & its conservation

Legal Studies	<ol style="list-style-type: none"> 1. Judiciary 2. Topics of Law 3. Arbitration, Tribunal Adjudication and Alternative Dispute Resolution 4. Human Rights in India 5. Legal Profession in India 6. Legal Services 7. International Context
Psychology	<p>Chapter 1- Intelligence Chapter 2- Theories of Personality Chapter 5- Therapies Chapter 6- Attitude Chapter 7- Groups</p>
Sociology	<ol style="list-style-type: none"> A. <u>Indian Society</u> 2. The Demographic Structure of Indian Society 3. Social Institutions: Continuity and Change 5. Patterns of Social Inequality and Exclusion 6. The Challenges of Cultural Diversity B. <u>Social Change and Development in India</u> 8. Structural Change 9. Cultural Change 11. Change and Development in Rural Society 12. Change and Development in Industrial Society 15. Social Movements
Political Science	<ol style="list-style-type: none"> 1. The End of Bipolarity 2. The New Centres of Power 3. Contemporary South Asia 4. United Nations and its Organizations 5. Security in Contemporary World 6. Environment and Natural Resources 7. Indian Politics : Recent Trends and Development
History	<ol style="list-style-type: none"> 1. Theme One – Bricks, Beads and Bones 2. Theme Two- Kings, Farmers and Towns 3. Theme Three – Kinship, Caste and Class 4. Theme Four – Thinkers, Beliefs and Buildings 5. Theme Five – Through the Eyes of Travellers 6. Theme Six – Bhakti – Sufi Traditions 7. Theme Seven – An Imperial Capital : VijayNagara 8. Theme Eight – Peasants, Zamindars and the state 9. Theme Ten – Colonialism and The Countryside 10. Theme Eleven – Rebels and the Raj 11. Theme Thirteen – Mahatma Gandhi and the Nationalist Movement 12. Theme- Fifteen Framing the Constitution
Maths	<p>Relations and Functions Inverse Trigonometric Functions, Matrices, Determinants Continuity and Differentiability Application of Derivatives Integration Application of Integration</p>

	<p>Differential Equations Vector Algebra Three dimensional Geometry Linear Programming problems Probability</p>
Applied Maths	<ol style="list-style-type: none"> 1. Numbers, Quantification and Numerical Applications 2. Algebra 3. Calculus 4. Probability Distributions 5. Inferential Statistics 6. Time-based data 7. Financial Mathematics 8. Linear Programming
Physical Education	<p>Unit I - Management of Sporting Events Unit II - Children & Women in Sports Unit III - Yoga as Preventive measure for Lifestyle Disease Unit IV - Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Unit V - Sports & Nutrition Unit VI - Test & Measurement in Sports Unit VII - Physiology & Injuries in Sports Unit VIII - Biomechanics & Sports Unit IX - Psychology and Sports Unit X - Training in Sports</p>
Food Production	<p>Unit – 1. Indian Regional Cookery Unit - 2. Indian Snacks Unit – 3. Indian Gravies Unit – 8. Menu Planning Unit – 9. Food Costing Unit – 10. Food Safety</p>
Painting	<ol style="list-style-type: none"> 1. Rajasthani and Pahari school of miniature paintings 2. Mughal and Deccan School of Miniature Paintings 3. The Bengal school of painting and Modern trends in Indian Art
Kathak	<ol style="list-style-type: none"> 1) A brief history with other classical dance styles of India. 2) Basic understanding of the term ABHINAYA and definition of its four aspects: angika, vachika, aharya, satvika. 3) Acquaintance of the three gharanas of kathak dance (Lucknow, Jaipur, Banaras) 4) Rasa: definition and explanation of nine rasas. 5) Knowledge of the following terms: (short note) sangeet, tal, laya, angahara, bhramari, lokadharmi, natyadharmi, rasa and bhava. 6) Knowledge of the technical terminology of the danceform. <ol style="list-style-type: none"> a) Definition of the following: <ol style="list-style-type: none"> i) Vandana ii) Tihaayi iii) Aamad iv) Toda/Tukraa v) Paran vi) Chakardar Toda /Tukraa and Paran

	<p>vii) Gatnikas viii) Gatbhaav b) Knowledge of Theka of Dadra, Kaharwa, Roopak. c) Definition of Tali, Khali, Sam, Tihaayi. d) Ability to notate a Tukraa/Toda and Paran. 7) Acquaintance with the traditional costumes and makeup</p> <p>Practical M.M.70 a) I) Vandana ii) Tihaayi iii) Aamad iv) Toda/Tukraa v) Paran vi) Chakardar Toda /Tukraa and Paran vii) Gatnikas</p> <p>viii) Gatbhaav b) Knowledge of Theka of Dadra, Kaharwa, Roopak. c) Definition of Tali, Khali, Sam, Tihaayi. d) Ability to notate a Tukraa/Toda and Paran.</p>
Music	<p><u>Unit - I</u> 1.1 - Brief Study – Alankar, Kan, Meend, Khatka, Murki, Gamak. 1.2 - Brief Study – Gram, Murchhana, Alap, Tana.</p> <p><u>Unit – II</u> 2.1 - Historical Development of Time Theory of Ragas 3.1 - Detail study of the following Sangeet Ratnakar Sangeet Parijat 3.2 - Life Sketch and Contribution of Faiyaz Khan, Bade Ghulam Ali Khan, Krishna Rao, Shankar Pandit</p> <p><u>Unit - IV</u> 1.1 - Description of prescribed Talas along with Tala Notation with Thah, Dugun, Tigun and Chaugun Jhaptala, Rupak, Dhamar. 1.2 Tuning of Tanpura</p> <p><u>Unit – V</u> 5.1 – Critical Study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras <u>and</u> elaborating them excluding Raga Shuddha Sarang. 5.2 – Writing in Notation the Composition of Prescribed Ragas.</p> <ul style="list-style-type: none"> • Bhairav • Bageshri • Malkauns
Web Applications (subject Code – 803)	<p><u>Theory Examination</u></p> <p>Part A</p> <ul style="list-style-type: none"> • Unit 2: Self-Management Skills-IV • Unit 3: ICT Skills-IV • Unit 4: Entrepreneurial Skills-IV <p>Part B</p> <ul style="list-style-type: none"> • Unit 1: Movie Editing Tools • Unit 2: Customizing and Embedding Multimedia

Components in Web Pages

- Unit 3: Web Scripting – Java Script
- Unit 4: Work Integrated Learning IT– WA-II

Practical Examination

- Movie Editing Tools:
- Customizing and Embedding, Multimedia, Components in Web Pages
- Web Scripting - JavaScript