

Bhavan Vidyalaya Panchkula

Term - II Syllabus (2022-23)

Class –XI

Subject	Topics
Accountancy	Chapter - 2. Basic Terms Chapter – 3. Theory Base of Accounting Chapter - 6. Rules of Debit and Credit Chapter – 7. Source Documents(Practical) Chapter – 8. Journal Chapter – 12. G.S.T Chapter – 14. Trial Balance Chapter - 15. Depreciation Chapter – 16. Reserves and Provisions Chapter - 17. Rectification of Errors Chapter – 18. Financial Statements without adjustments Chapter – 19. Financial Statements with adjustments
Business Studies	Chapter – 2. Forms of Business Organisation Chapter – 3. Private, Public & Global Enterprises Chapter – 4. Business Services Chapter – 7. Formation of Company Chapter – 8. Sources of Business Finance Chapter – 9. Small Business Chapter – 10. Internal Trade Chapter – 11. International Business
Legal Studies	<u>Unit I. Introduction to Political Institutions</u> Chapter – 2. Forms and Organs of Government Chapter - 3. Separation of Powers <u>Unit – III. Jurisprudence, Nature and Sources of Law</u> Chapter – 1. Jurisprudence, Nature & Meaning of Law Chapter - 2. Classification of Laws Chapter – 3. Sources of Law Chapter – 4. Law Reforms Chapter – 5. Cyber Laws, Safety & Security in India <u>Unit – IV. Judiciary : Constitutions, Civil & Criminal Courts</u> Chapter – 1. Judiciary : Constitutional, Civil & Criminal Courts <u>Unit – V. Family Justice System</u> Chapter - 1. Marriage & Divorce Chapter – 2. Child Rights Chapter - 3. Adoption Chapter - 4. Property, Succession and Inheritance Chapter – 5. Prevention of violence against women
Economics	<u>Statistics for Economics :</u> 1. Chapter – 2. Collection of Data 2. Chapter - 4. Organisation of Data 3. Chapter – 5. Presentation of Data-Textual and Tabular Presentation 4. Chapter – 6. Diagrammatic presentation of Data – Bar Diagrams & Pie Diagrams 5. Chapter – 7. Frequency Diagrams – Hologram, Polygon & Ogive 6. Chapter – 9. Measures of Central Tendency – Arithmetic Mean 7. Chapter – 10. Measures of Central Tendency – Median and Mode 8. Chapter – 12. Correlation 9. Chapter – 13. Index Numbers <u>Microeconomics :</u> 1. Chapter 3. Consumers Equilibrium- Utility Analysis

	<ol style="list-style-type: none"> 2. Chapter 4. Consumers Equilibrium – Indifference Curve Analysis 3. Chapter – 5. Theory of Demand 4. Chapter – 6. Price Elasticity of Demand 5. Chapter – 7. Production Functions & Returns to a Factor 6. Chapter – 8. Concept of Cost 7. Chapter – 11. Theory of Supply 8. Chapter – 12. Forms of Market 9. Chapter – 13. Market Equilibrium
Computer Science (Code - 083)	<p>Theory</p> <p>Lesson 10 – String manipulation Lesson 11 – List Manipulation Lesson 12 – Tuples Lesson 13 – Dictionaries Lesson 14 – Understanding Sorting Lesson 15 – Cyber Safety Lesson 3 – Boolean Logic Lesson 16 – Online Access and Computer Security Lesson 17 – Society, Law and Ethics</p> <p>Practical : String manipulation, List manipulation, Tuples and Dictionaries</p>
Maths(Core)	<p>Chapter - 1. Sets Chapter – 2. Relations and Functions Chapter – 3. Trigonometric Functions Chapter – 5. Complex Numbers & Quadratic Equations Chapter – 6. Linear Inequalities Chapter – 7. Permutation and Combinations Chapter - 8. Binomial Theorem (only Ex.8.1) Chapter – 9. Sequences and Series Chapter - 10. Straight Lines Chapter – 11. Conic Sections Chapter – 12. Introduction to three Dimensional Geometry Chapter – 13. limits and derivatives Chapter – 15. Statistics Chapter – 16. Probability</p>
Biology	<ol style="list-style-type: none"> 1. The Living World 2. Biological Classification 3. Plant Kingdom 4. Animal Kingdom 5. Morphology of Flowering Plant 6. Cell : The Unit of Life 7. Biomolecules 8. Cell Cycle & Cell Division 9. Photosynthesis in higher plants 10. Respiration in plants 11. Plant – Growth & Development 12. Breathing & Exchange of Gases 13. Body Fluid & Circulation 14. Excretory Products & Their Elimination 15. Locomotion & Movement 16. Neural Control & Coordination 17. Chemical co-ordination & Integration

Physics	Chapter - 2. Units and Measurements Chapter - 3. Motion in a straight line Chapter – 4. Motion in a plane Chapter – 5. Laws of Motion Chapter – 6. Work, Power, Energy Chapter - 7. System of particles and Rotational motion Chapter – 8. Gravitation Chapter – 9. Mechanical Properties of Solids Chapter – 10. Mechanical Properties of Fluids Chapter - 11. Thermal Properties of Matter Chapter - 12. Thermodynamics Chapter – 13. Kinetic Theory Chapter – 14. Oscillations Chapter – 15. Waves
Chemistry	<ol style="list-style-type: none"> 1. Some Basic Concepts of Chemistry 2. Structure of Atom 3. Classification of Elements and Periodicity in Properties 4. Chemical Bonding and Molecular Structure 5. Chemical Thermodynamics 6. Equilibrium 7. Redox Reactions 8. Organic Chemistry: Some basic Principles and Techniques 9. Hydrocarbons
Food Production	Unit - 4. Kitchen Equipments and appliances Unit – 5. Kitchen Commodities Unit – 6. Storage of Commodities Unit – 7. Techniques for Pre-preparation Unit - 8. Methods of Cooking Unit – 9. Salads Unit – 10. Soups
English	<p>Section – A. Reading : i). Unseen Passage to assess Comprehension, Interpretation etc. ii) . Unseen case based passage for Note-making & summarization</p> <p>Section B. : Grammar and Creative writing skills</p> <ol style="list-style-type: none"> a. Short Writing Task <ol style="list-style-type: none"> (i) Classified Advertisements, Poster b. Long Writing Task <ol style="list-style-type: none"> (ii) Speech, Debate <p>Grammar : i). Gap-filling – Tenses, Clauses ii). Recording of Sentences, Transformation of Sentences- Reported Speech, Voice</p> <p>Section – C. Literature</p> <ol style="list-style-type: none"> a). Hornbill : Lesson – 1. The Portrait of a Lady Lesson – 2. We’re Not Afraid to Die Lesson – 3. Discovering Tut: The Saga Continues Lesson – 7. The Adventure Lesson – 8. Silk Road <p>Poetry : Poem - 1. A Photograph Poem – 2. The Laburnum Top Poem – 3. The Voice of the Rain Poem – 4. Childhood Poem – 5. Father to Son</p> <p>b). Snapshots: Lesson - 1. The Summer of the Beautiful White Horse Lesson – 2. The Address</p>

	<p>Lesson - 3. Mother's Day Lesson – 7. Birth Lesson - 8. The Tale of Melon City.</p>
<p>Kathak</p>	<p><u>THEORY</u></p> <ol style="list-style-type: none"> 1. A brief history of Indian dance. 2. Acquaintance with the themes of Ramayana, Mahabharata, Bhagvata Purana and Gita Govinda in context of Kathak. Acquaintance with other myths and legends pertinent to the dance drama or gat bhaav like Kalia daman, Govardhan lila, Panghatlila, Draupadi cheer haran, Makhan chori, Marich vadh, Bhasmasur vadh, Madan dahan, etc. 3. A brief history of Kathak dance. <ol style="list-style-type: none"> (a) Reference from ancient text (vedic, puranic, epics and other scriptures). evolution of Kathak dance in Pracheen kal/Mandir kal (kathavachak and Rasdhar tradition, etc.) Madhya kal/ Darbarkal, Adhunik kal covering British and post independent era till the presenttime. 4. Acquaintance with its repertoire. Rang pravesh / invocation, compositions (Bandish) from traditional technical dance part of kathak. Literary contents - abhinay, bhajans, thumri, dadra, ghazals, dhrupad, kavita, etc. Rhythmic musical composition like Tarana, Tirvat, Chaturang, etc. 5. Distinctive aspects of Kathak (using of ghungrus, chakkars, upaj, costume, etc.) 6. Ability to write notation of teental and jhaptaal (thah, dugun, chaugun). 7. Definition and short explanation: Nritya, Nritya, Natya, Tandava, Lasya, Anga, Upanga, Pratyanga. <p><u>PRACTICAL</u></p> <ol style="list-style-type: none"> 1. Practice of basic standing position and various patterns of Tatkar. 2. Practice of exercise of different parts of the human body particularly anga, pratyanga, upanga. 3. Practice of exercise of ten different movement {hastak} chakkars in teen taal in thah, dugun, chaudganlaya. 4. Prahant of teentaal, jhap taal with hast kriya in thah, dugun, chaugun. 5. Practice of tatkar set to teental in a slower tempo (thah laya) and in its double (dugun) and four times (chaugun). 6. The student should know the following compositions: <ol style="list-style-type: none"> (a) Thaat 1 (b) Aamad 2 (c) Fast Aamad (tez aamad) 2 (d) Vandana 1 (e) Tukra/Toda 2 (f) Natwari ka tukra 2

	<p>(g) Gatnikaas 1 (h) Gatbhaav 1 (i) Paran 2 (j) Tihaayi 4 (k) Ladi/laya Baant 2 (l) Parhant of tukda /toda with hasta kriya</p>
Music	<p>Brief- Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Tala Brief Study – Margi, Desi, Raga Brief history- Dhrupad, Khayal and Tarana Brief Study of musical Elements in Natya Shastra Life Sketch and contribution of Tansen, V.N. Bhatkhande and V.D. Paluskar Description of Prescribed Talas along with Tala Notation with Thah, Dugun and Chaugun</p> <ul style="list-style-type: none"> • Teentala • Ektala • Chautala • Knowledge of the Structure of Tanpura <p>Critical study of Prescribed Ragas along with Recognizing Ragas from phrases of Swaras and elaborating them excluding Raga Jaunpuri Writing in notation the composition of Prescribed</p> <ul style="list-style-type: none"> • Ragas Bihag • Bhimpalasi • Bhairavi
Sociology	<p>A. Introducing Sociology 1. Sociology, Society 2. Terms, Concepts and their use in Sociology 3. Understanding Social Institutions 4. Culture and Socialization B. Understanding Society 7. Social Change and Social Order in Rural and urban Society 9. Introducing Western Sociologists 10. Indian Sociologists</p>
Painting	<ul style="list-style-type: none"> ➤ Buddhist, Jain and Hindu Art ➤ Temple Sculpture, Bronzes and Artistic aspects of Indo-Islamic Architecture
Psychology	<p>Chapter 1- Introduction to Psychology Chapter 2- Research Methods Chapter 3- Bases of Human Behaviour Chapter 4- Development Chapter 5- Attention & Perception Chapter 6- Theories of Learning Chapter 7- Human Memory</p>

Physical Education	<ol style="list-style-type: none"> 1. Test and Measurement 2. Fundamental of Anatomy, physiology in sports 3. Fundamentals of Kinesiology and Biomechanism in sports 4. Psychology and sports 5. Training and doping in sports 6. Olympism
Political Science	<p>Part – A. <u>Indian Constitution at work</u></p> <ul style="list-style-type: none"> Lesson – 1. Constitution why and how? Lesson – 2. Election & Representation Lesson – 5. Legislature Lesson – 6. Judiciary Lesson – 8. Local Governments <p>Part – B. <u>Political Theory</u></p> <ul style="list-style-type: none"> Lesson – 1. Introduction Lesson - 2. Freedom Lesson – 3. Equality Lesson -13. Social Justice, Rights Lesson -15. Citizenship Lesson – 16. Nationalism Lesson – 17. Secularism Lesson – 18. Peace Lesson – 19. Development
Applied Maths	<ul style="list-style-type: none"> I – Numbers, Quantification and Numerical Applications II – Algebra III – Mathematical Reasoning IV – Calculus V - Probability VI – Descriptive Statistics VII – Basis of Financial Mathematics VIII – Coordinate Geometry