Bhavan Vidyalaya, Panchkula
Term- I Syllabus (2023-24)
Class – XI

Sr. No.	Subject	Syllabus
1	**English**	**I) Reading:** 2 Unseen Passages for Comprehensions -Factual and Case - based 1 Unseen Passage for Note- Making and Summarisation **II) Grammar & Creative Writing:** **Grammar:** i. Gap filling based on Tenses, Clauses ii. Reordering of Sentences iii. Transformation of Sentences **Creative Writing:** i. Classified Advertisements ii. Posters iii. Speech iv. Debate **III) Literature Textbooks** ***Book – Hornbill*** **Prose** i. Chapter - 1. The Portrait of A Lady ii. Chapter - 2. We're it Afraid to Die.....If We can be Together iii. Chapter - 3.Discovering Tut: The Saga Continues **Poetry** i. Poem - 1.A Photograph ii. Poem - 2. The Laburnum Top iii. Poem – 3.Childhood ***Book - Snapshots*** i. Chapter 1: The Summer of the Beautiful white Horse ii. Chapter 2: The Address iii. Chapter 3: Mother's Day (Play) **ASL+ Project (20 Marks)**
2	**Accountancy**	Chapter – 1. Introduction to Accounting Chapter- 2. Basic Accounting Terms Chapter – 4. Bases of Accounting Chapter – 5. Accounting Equation Chapter – 6. Rules of Debit & Credit Chapter - 7. Source Documents Chapter – 8. Journal Chapter – 9. Ledger Chapter –10.Cash Book Chapter -11. Other Books Chapter – 13. Bank Reconciliation Statement Chapter - 14. Trial Balance
3	**Business Studies**	Ch - 1 Business,Trade and Commerce Ch - 2 Forms of Business Organisation Ch - 3 Private, Public and Global Enterprises Ch - 4 Business Services Ch - 5 Emerging Modes of Business Ch - 6 Social Responsibilities of Business Ch - 7 Formation of a Company Ch - 9 Small Business

4	**Economics**	**Statistics:** Ch - 1. Concept of Economics Ch - 2.Collection of Data Ch - 3. Census & Sample Method Ch - 4. Organisation of Data Ch - 5. Presentation of Data Ch – 6. Diagrammatic Presentation Ch – 7. Frequency Diagrams Ch – 8. Arithmetic Line Graphs Ch – 9. Measures of Central Tendency-Mean Ch – 10.Measures of Central Tendency-Median & Mode **Micro Economics:** Ch – 1. Economics and Economy Ch – 2. Central Problems of an Economy Ch - 5. Theory of Demand Ch – 6. Price Elasticity of Demand Ch -11. Theory of Supply Ch -13. Market Equilibrium
5	**Maths**	Ch - 1. Sets Ch – 2. Relations and Functions Ch - 3. Trigonometric Functions Ch – 4. Complex Numbers Ch - 5. Linear Inequalities Ch – 6. Permutations and Combinations Ch – 7. Binomial Theorem Ch – 8. Sequence and Series
6	**Applied Maths**	**Unit I Numbers, Quantification and Numerical Applications** 1. **Numbers & Quantification** • Binary Numbers • Indices, Logarithm and Antilogarithm • Laws and Properties of Logarithms • Simple Applications of Logarithm and Antilogarithm 2. **Numerical Applications** • Averages • Clock • Calendar • Time, Work and Distance • Mensuration • Seating Arrangement **Unit II Algebra** 1. **Sets** • Introduction to sets – definition • Representation of sets • Types of sets and their notations • Subsets • Intervals • Venn diagram • Operations on Sets 2. **Relations** • Ordered Pairs Cartesian Product of Two Sets • Relations 3. **Sequences and Series** • Sequences, Series • Arithmetic Progression • Geometric Progression • Applications of AP and GP 4. **Permutations and Combinations**

		• Factorial • Fundamental Principle of Counting • Permutations • Combinations **Unit III Mathematical Reasoning** 1. Logical Reasoning **Unit IV Calculus** 1. Functions 2. Domain and Range of a Function 3. Types of Functions 4. Graphical Representation of Functions **Unit VI Descriptive Statistics** 1. Data Interpretation Measure of Dispersion, Skewness and Kurtosis 2. Percentile Rank and Quartile Rank 3. Correlation
7	**Biology**	Chapter – 1. The Living World Chapter - 2. Biological Classification Chapter – 3. Plant Kingdom Chapter – 4. Animal Kingdom Chapter – 5. Morphology of Flowering Plants Chapter – 6. Anatomy of Flowering Plants Chapter – 7. Structural Organisation in Animals Chapter – 8. Cell - The Unit of Life Chapter – 9. Biomolecules Chapter – 10. Cell Cycle and Cell Division
8	**Physics**	Ch - 2. Units and Measurements Ch - 3. Motion in a Straight Line Ch - 4. Motion in a Plane Ch - 5. Laws of Motion. Ch - 6. Work Energy and Power Ch - 7. Motion of System of Particles and Rigid Body
9	**Chemistry**	Ch.- 1. Some Basic Concepts of Chemistry Ch.- 2. Structure of Atom Ch.- 3. Periodic Classification Ch. - 4. Chemical Bonding Ch.- 5. Redox Reactions
10	**Sociology**	**Book 1 Introducing Sociology** Chapter – 2. Terms, Concepts and their use in Sociology Chapter - 3. Understanding Social Institutions Chapter - 4. Culture and Socialization **Book 2 Understanding Society** Chapter – 4. Introducing Western Sociologists
11	**Psychology**	Ch - 1. Introduction to Psychology Ch - 2. Research Methodologies Ch - 4. Human Development Ch – 6. Learning
12	**History**	Theme - 2. Writing and City Life Theme – 3. An Empire Across Three Continents Theme – 5. Nomadic Empires Theme – 6. The Three Orders

13	**Political Science**	**<u>Book 1 INDIAN CONSTITUTION AT WORK</u>** Chapter – 3. Election and Representation Chapter – 4. Executive Chapter - 5. Legislature Chapter - 6. Judiciary Chapter - 7. Federalism Chapter - 8. Local Governments
14	**Physical Education**	UNIT 1 Changing Trends & Career in Physical Education UNIT 2 Olympic Value Education UNIT 3 Yoga UNIT 4 Physical Education & Sports for CWSN UNIT 5 Physical Fitness, Wellness UNIT 10 Training & Doping in Sports
15	**Kathak**	**Theory** 1. Nritya, Natya, Nritta 2. Lasya and Tandava 3. Kathak Ghungru and Costume 4. Notations **Practical** 1. Vandana, 2. Tihai, 3. Aamad , 4. Salami, 5. Tukra, 6. Kavit
16	**Music**	Definitions Naad, Shruti, Swar, Saptak, Jati, Laya Tarana Raag Bihag Parichaya, Aroh Avroh, Pakar Jeevni Tansen Tanpura Parts Teental with Dugun
17	**Hindi**	अपठित गद्यांश, अपठित काव्यांश पाठ्यपुस्तक – **आरोह** - गद्य खंड- नमक का दरोगा, मियां नसीरुद्दीन, अप्पू के साथ ढाई साल, विदाई संभाषण, गलता लोहा, स्पीति में बारिश , पद्य खंड - कबीर, मीरा, पथिक, वे आंखें, घर की याद, गजल। **पाठ्य पुस्तक - वितान** भारतीय गायिकाओं में बेजोड़ लता मंगेशकर, राजस्थान की रजत बूंदें **अभिव्यक्ति और माध्यम** जनसंचार व माध्यम, पत्रकारिता के विविध आयाम, सृजनात्मक लेखन डायरी लिखने की कला, कथा पटकथा, व्यवहारिक लेखन - कार्यालय लेखन और प्रक्रिया, स्ववृत लेखन और रोजगार संबंधी आवेदन, कोश एक परिचय, अप्रत्याशित विषय पर रचनात्मक लेखन, औपचारिक पत्र।
18	**Computer Science(083)**	Chapter 1 - Computer System Overview Chapter 2 - Data Representation Chapter 3 - Boolean Logic Chapter 5 - Introduction to Problem Solving Chapter 6 - Getting started with Python Chapter 7 - Python Fundamentals Chapter 8 - Data Handling

19	**Legal Studies**	**Unit - I** Chapter 1 : Concept of State Chapter 2 : Forms and Organs of Government Chapter 3 : Separation of Powers **Unit II** Chapter 1 : Salient Features of the Constitution of India Chapter 2 : Administrative Law **Unit III** Chapter 2 : Classification of Laws Chapter 4 : Law Reforms **Unit IV** Chapter 1: Judiciary: Constitutional, Civil and Criminal Courts and Processes.
20	**Painting**	Prehistoric Rock Painting Art of Indus Valley Civilization Mauryan Shunga Kushana and Gupta Period
21	**Food Production**	Ch. – 4. Kitchen Equipment Ch. – 5. Kitchen Commodities Ch. – 7. Techniques for Pre-Preparation Ch. – 8. Methods of Cooking