Bhavan Vidyalaya, Panchkula
Class – XI
Syllabus for Term – I (2024-25)

Sr. No.	SUBJECT	SYLLABUS

1.	English	**Reading**: Comprehension, Note Making
		Writing: Advertisements, Poster, Speech
		Grammar: Tenses, Reported Speech and Jumbled Sentences
		Literature: Book-Hornbill
		Prose – 1. We are not afraid to die ………
		        2. Discovering Tut
		Poetry -1. The Laburnum Top
		      2. The Voice of the Rain
		      3. Childhood
		      4. Father to son
		Book – Snapshots
		   1. The Address 2. Mother's Day 3. Birth

2.	Applied Maths	**Unit 1.** Numbers, Quantification and Numerical Applications **Unit 2.** Algebra-Relations, Sequence and Series, Permutations and Combinations **Unit 3.** Mathematical Reasoning **Unit 4.** Functions, Derivatives. **Unit 6.** Descriptive Statistics
3.	Legal Studies	Unit 1. Introduction to Political Institutions. Unit 2. Basic Features of the Constitution of India. Unit 3. Jurisprudence, Nature and Sources of Law.
4.	Kathak	1. A brief history of Kathak Dance. 2. Define Nritta, Nritya and Natya. 3. Lasya & Tandava 4. Anga, Upanga & Pratyanga 5. Theka of Teentaal 6. Notation of Tukras & Tehai.
5.	History	Theme – 1. Writing and city life Theme – 2. An empire across three continents Theme – 3. Nomadic Empires Theme – 4. The three orders
6.	Biology	1). The Living World 2). Biological Classification 3). Plant kingdom 4). Animal Kingdom 5). Morphology of Flowering Plant 6). Anatomy of Flowering Plant 7). Structural organisation in Animal 8). Cell : The unit of life 9). Biomolecules 10). Cell cycle & Cell division

7.	Maths Core	Chapter - 1. Sets
		Chapter – 2. Relations and Functions
		Chapter – 3. Trigonometric Functions
		Chapter – 4. Complex Numbers
		Chapter – 5. Linear Inequalities
		Chapter – 6. Permutations & Combinations
		Chapter – 7. Binomial Theorem
		Chapter – 8. Sequence & Series
		Chapter – 13. Statistics
8.	Economics	**Micro Economics :**
		Chapter - 1. Economics and Economy
		Chapter – 2. Central Problems of an Economy
		Chapter – 5. Theory of Demand
		Chapter – 6. Elasticity of Demand
		Chapter – 7. Production Function
		Chapter – 8. Concepts of Cost
		Chapter - 11. Theory of Supply
		Chapter – 12. Forms of Market
		Statistics :
		Chapter - 1. Concept of Economics and Significance of statistics in Economics
		Chapter – 2. Collection of Data
		Chapter - 3. Census and sample methods of data collection
		Chapter - 4. Organisation of Data
		Chapter - 5. Presentation of Data – Textual & Tabular Presentation
		Chapter – 6. Diagrammatic Presentation of Data
		Chapter – 7. Frequency Diagrams
		Chapter – 9. Measures of Central Tendency Mean
		Chapter – 10. Measures of Central Tendency Mode & Median
9.	Business Studies	Chapter – 1. Evolution and Fundamentals of Business
		Chapter – 2. Forms of Business Organisation
		Chapter – 3. Private, Public and Global Enterprises
		Chapter – 4. Business Services
		Chapter – 5. Emerging modes of Business
		Chapter - 6. Social Responsibilities of Business & Business Ethics
		Chapter – 7. Sources of Business Finance
10.	Chemistry	Chapter – 1. Some basic concepts
		Chapter – 2. Structure of Atom
		Chapter – 3. Periodic Classification
		Chapter – 4. Chemical Bonding
		Chapter – 5. Redox Reactions
11.	Physics	Chapter – 1. Unit and Measurement
		Chapter – 2. Motion in Straight Line
		Chapter – 3. Motion in Plane
		Chapter – 4. Laws of Motion
		Chapter* - 5. Work, Energy and Power
		Chapter* - 6. System of particles and rotational system

12.	**Political Science**	**Book - I** Chapter – 3. Elections & Representation Chapter – 4. Executive Chapter – 5. Legislature Chapter – 6. Judiciary Chapter – 7. Federalism Chapter – 8. Local Governments Chapter – 9. Constitution as a Living document Chapter – 10. The Philosophy of the Constitution **Book – II** Chapter – 1. Political Theory Chapter - 2. Freedom
13.	**Accountancy**	Chapter – 1. Introduction to Accounting Chapter – 2. Basic Terms Chapter – 4. Bases of Accounting Chapter – 5. Accounting Equation Chapter – 6. Accounting Procedure – Rules of Debit Credit Chapter - 7. Source Documents Chapter – 8. Journal Chapter – 9. Ledger Chapter – 10. Cash Book Chapter – 11. Special Purpose Books Chapter – 13. Bank Reconciliation statement Chapter – 15. Depreciation
14.	**Food Production**	Chapter - 4. Kitchen Equipment Chapter – 5. Kitchen Commodities Chapter – 6. Storage of Commodities Chapter - 7. Techniques of pre-preparation Employability Skills – Chapter - 2. Self-Management Chapter – 3. ICT
15.	**Sociology**	**Book – I** Chapter – 3. Understanding Social Institution Chapter - 4. Culture & Socialization **Book – II** Chapter – 2. Social Change and Social order in Rural & Urban Society Chapter – 4. Introduction Western Sociologist
16.	**Physical Education**	Unit – I – Changing Trends and Career in Physical Education Unit – II- Olympic Value Education Unit – III- Yoga Unit –IV – Physical Education and Sports for CWSN Unit – V- Physical Fitness, Wellness Unit – VI- Test, Measurements and Evaluation.

17.	**Computer Science**	Chapter - 1. Computer System Overview Chapter – 2. Data Representation Chapter – 4. Introduction to Problem Solving Chapter - 5. Getting started with Python Chapter - 6. Python Fundamentals Chapter – 7. Data Handling Chapter - 9. Flow of Control Chapter – 10. String Manipulation Chapter – 11. List Manipulation Chapter -14. Cyber Safety
18.	**Music**	1). Definitions : Naad, Saptak, Laya, Jati. 2). Brief Study : Desi and Margi Sangeet. 3). Brief History : Tarana, Khayal 4). Life Sketch : V.N. Bhatkhande 5). Teentala and Ektala 6). Tanpura parts 7). Raag Bhimplasi Parichay and Notation.
19.	**Psychology**	Chapter – 1. Introduction to Psychology Chapter – 2. Research Method Chapter – 4. Development Chapter – 5. Attention
20.	**Painting**	Topic : Buddhist, Jain and Hindu Art.

****