



Bhavan Vidyalaya, Panchkula

Class – XI

Syllabus for Term - 1

Sr. No.	Subject	Syllabus
1.	English	Reading – Comprehension, Note making Writing – Classified Advertisements , Poster making, Speech , Debate Grammar – Integrated Literature - Book – Hornbill Prose : The Portrait of A Lady We're not afraid to die Discovering Tut Poetry : A Photograph The Laburnum Top The Voice of the Rain Book – Snapshots The Summer of the Beautiful White Horse The Address Mother's Day
2.	Physics	Chapter–1: Units and Measurements Chapter–2: Motion in a Straight Line Chapter–3: Motion in a Plane Chapter–4: Laws of Motion Chapter–5: Work, Energy and Power Chapter–6: System of Particles and Rotational Motion
3.	Chemistry	1. Some basic concepts of chemistry 2. Structure of Atom 3. Periodic classification 4. Chemical Bonding 5. Redox reactions
4.	Biology	Chapter-1: The Living World Biodiversity Chapter-2: Biological Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Chapter-5: Morphology of Flowering Plants Chapter-6: Anatomy of Flowering Plants Chapter-7: Structural Organization in Animals Chapter-8: Cell-The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division Cell cycle

5.	Maths (Core)	1 Sets 2 Relations and functions 3 Trigonometric functions 4. Complex numbers 5.Linear inequalities 6 Permutations and combinations 7 Binomial theorem 8 Sequence and series 9 Statistics
6.	Applied Maths	Unit 1 _Numbers, Quantification and Numerical Applications Unit 2 _ Algebra (Sets , Relations , Mathematical logic, Sequence and Series) Unit 3_ Calculus (Functions) Unit 4 _ Permutations and combinations , Probability Unit 5 _ Descriptive Statistics
7.	Sociology	Chapter 1 Sociology and Society Chapter 2 Terms, Concepts and their use in Sociology Chapter 3 Understanding Social Institutions Chapter 5 Doing Sociology : Research Methods Book 2 (Understanding Society) Chapter 4 Introducing Western Sociologists
8.	Psychology	1. Ch 1- Introduction to Psychology 2. Ch 2- Research Methods 3. Ch 3- Human Development 4. Ch 6- Human Memory 5. Ch 7- Thinking 6. Ch 8- Motivation & Emotions
9.	Political Science	Indian Constitution at work 1. Constitution : Why and How 2. Rights in the Indian Constitution 3. Election and Representation 4. Executive 5. Legislature 6. Judiciary Political theory 1. Introduction to Political theory 2. Freedom 3. Equality 4. Social Justice 5. Rights
10.	History	1.Theme 1– Writing and City Life 2 Theme 2 – An Empire Across Three Continents 3.Theme 3 – Nomadic Empires 4.Theme 4 – The Three Orders 5.Theme 5 – Changing Cultural Traditions

11.	Economics	<u>STATISTICS IN ECONOMICS</u> Ch 1 : Concept of Economics and Significance of Statistics in Economics Ch 2 : Collection of Data Ch 3 : Census and Sample Methods of Collection of Data Ch 4 : Organisation of Data Ch 6 : Diagrammatic Presentation of Data (Bar and Pie Diagrams) Ch 7 : Frequency Diagrams – Histogram , Polygon and Ogives Ch 8 : Arithmetic Line Graphs or Time Series Graph Ch 9 : Measures of Central Tendency – Arithmetic Mean Ch10 : Measures of Central Tendency – Median and Mode <u>MICROECONOMICS THEORY</u> Ch 1: Economics and Economy Ch 2: Central Problems of Economy Ch 3 : Consumer’s Equilibrium Utility Analysis Ch 5 : Theory of Demand Ch 6 : Price Elasticity of Demand Ch 7 : Production Function and Returns to a Factor Ch 11: Theory of Supply
12.	Accountancy	1. Introduction to Accounting 2. Basic Accounting Terms 3. Theory Base of Accounting, Accounting Standards and Indian Accounting Standards (Ind-AS) 4. Bases of Accounting 5. Accounting Equation 6. Accounting Procedures-Rules of Debit and Credit 7. Origin of Transactions-Source Documents and Preparation of Vouchers 8. Journal 9. Ledger (Including Trial Balance from Ch-14) 10. Special Purpose Books I-Cash Book 11. Special Purpose Books II-Other Books 12. Accounting of Goods and Services Tax (GST)
13.	Business Studies	Chapter 1: Business, Trade and Commerce 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 and Business Ethics Chapter 7: Formation of a Company
14.	Legal Studies	Unit -1 – Introduction to Political Institutions Chapter 1: Concept of State Chapter 2: Forms and Organs of Government Chapter 3: Separation of Powers Unit-2- Basic Features of the Constitution of India Chapter 1: Salient Features of the Constitution of India Chapter 2: Administrative Law Unit -3 – Chapter 5: Cyber Laws, Safety and Security in India

15.	Computer Science	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
16.	Physical Education	1. Changing Trends and Careers in Physical Education. 2. Olympism Value Education 3. Yoga 4. Physical Education and Sports for Children with Special Needs 5. Physical Fitness, Wellness, and Lifestyle
17.	Food Production	Employability Skills Chapter 1 - Communication skills Chapter 2 - Self management skills Chapter 3 - Information and Communication technology Food Production Chapter 3 - Uniform, safety and hygiene in kitchen Chapter 4 - Kitchen equipment Chapter 5 - kitchen commodities Chapter 9 - Salads
18.	Music	Definitions naad,shruti, swar, saptak, jati, laya Tarana Raag Bihag Parichaya, aroh avroh, pakar Jeevni tansen Tanpura. Parts Teental with dugun
19.	Kathak	<u>Theory</u> 1. Introduction of teen taal with notation slow, middle and a fast lay. 2. Definition of Ang, Pratyanga aur Upaanga. 3. Difference between Natya, Nritya and Nritta. 4. Short note on Tandava and lasya. <u>Practical</u> 1. Basic footwork of teentaal with different laykari. 2. Basic 12 hand moment with footwork. 3. Two simple tukras. 4. Guru Vandana. 5. Three different types of Tihai 6. One Salami. 7. Two Aamad. 8. Krishan kavit.

20.	Painting	1) Pre historic rock paintings 2)Art of Indus Valley civilization 3) General introduction of art during Mauryan,shunga and kushana and Gupta period 4)Art of Ajanta
21.	FMM	Chapter 1 - Markets and financial instruments Chapter 2 - Primary and secondary markets Chapter 3 - Mutual funds products and features Chapter 5 - Taxation and regulation Employability Skills Chapter 2 - Self management skills Chapter 4 - Entrepreneurial Skills
