Sr. No.	Subject	Syllabus

1	**English**	Reading:
		Comprehensions - Factual and Case-based
		Writing:
		    i. Notice
		    ii. Invitations and replies
		    iii. Letter to the editor
		    iv. Article
		    v. Job application
		Literature
		Book – Flamingo
		Prose
		    i. The Last Lesson
		    ii. Lost Spring
		    iii. Deep Water
		    iv. The Rattrap
		    v. The Interview
		Poetry
		    i. My Mother at Sixty-Six
		    ii. Keeping Quiet
		    iii. A Thing of Beauty
		    iv. Aunt Jennifer's Tigers
		Book - Vistas
		    i. The Third Level
		    ii. The Tiger King
		    iii. Journey to the End of the Earth
		Assessment of Listening and Speaking

2	**Accountancy**	<u>**Volume – I**</u> 1. Accounting for Partnership Firms-Fundamentals 2. Goodwill – Nature & Valuation 3. Change in Profit Sharing Ratio 4. Admission of a Partner 5. Retirement of a Partner 6. Death of a Partner 7. Dissolution of a Partnership Firm <u>**Volume – II**</u> Chapter - 1. Financial Statements of a Company Chapter – 2. Financial Statement Analysis Chapter – 3. Comparative & Common Size Statements
3	**Business Studies**	<u>**Part - I**</u> 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 <u>**Part – II**</u> Chapter – 11. Marketing Management

4	Economics	1. Unit 1 National Income and Related Aggregates
		2. Unit 2: Money and Banking
		3. Unit 4: Government Budget and the economy
		4.unit 5: Balance of Payments
		5. Unit 6: Development Experience (1947-90)
		6. Unit 7: Current Challenges Facing the Indian Economy
		(Human Capital formation, Rural Development)
		7. Unit 8: Development Experience of India - A Comparison with
		Neighbours
5	Maths	Ch - 1. Relations and Functions
		Ch – 2. Inverse Trigonometric Functions
		Ch – 3. Matrices
		Ch – 4. Determinants
		Ch – 5. Continuity and Differentiation
		Ch – 6. Application of Derivatives
		Ch – 7. Integration
		Ch – 8. Application of Integration
		Ch – 12. Linear Programming Problems
6	Applied Maths	**Unit 2: Algebra**
		• Matrices and Types of Matrices
		• Equality of Matrices, Transpose of a Matrix, Symmetric and Skew Symmetric matrix
		• Algebra of Matrices
		• Determinants
		• Inverse of a Matrix
		• Solving System of Simultaneous Equations using Matrix Method, Cramer's Rule
		Unit 3: Calculus **Differentiation and its Applications**
		• Higher Order Derivatives
		• Application of Derivatives
		• Marginal Cost and Marginal Revenue using Derivatives
		• Increasing / Decreasing Functions
		• Maxima and Minima
		Integration and its Applications
		• Integration
		Unit 4: Probability Distributions
		• Probability Distribution
		• Mathematical Expectation
		• Variance
		• Binomial Distribution
		• Poisson Distribution
		• Normal Distribution
		Unit 5: Inferential Statistics
		• Population and Sample
		• Parameter and Statistics and Statistical Inferences
		• T-Test (one sample t-test and two independent groups t-test)
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13		**Unit 8: Linear Programming**
		• Introduction and Related Terminologies • Mathematical Formulation of Linear Programming Problems • Different Types of Linear Programming Problems • Graphical Method of Solution for Problems in Two Variables • Feasible and Infeasible Regions • Feasible and Infeasible Solutions, Optimal Feasible Solutions
7	**Biology**	Chapter-2: Sexual Reproduction in Flowering Chapter -3: Human Reproduction. Chapter-4: Reproductive Health Chapter-5: Principles of Inheritance and Variation Chapter-6: Molecular Basis of Inheritance. Chapter-7: Evolution Chapter-8: Human Health and Diseases
8	**Physics**	Chapter -1. Electric Charges and Field Chapter – 2. Electrostatic Potential and Capacitor Chapter – 3. Current Electricity Chapter – 4. Magnetic Effect of Current Chapter – 5. Magnetism Chapter – 6. Electromagnetic Induction Chapter – 7. Alternating Current
9	**Chemistry**	1. Solutions 2. Electrochemistry 3. Coordination Chemistry 4. Haloakanes and Haloarenes 5. Alcohols, Phenols and Ethers 6. Bio Molecules
10	**Sociology**	**Book 1 Indian Society** Chapter - 3 Social Institutions: Continuity and Change Chapter - 5. Patterns of Social Inequality and Exclusion Chapter - 6. The Challenges of Cultural Diversity **Book 2 Social Change and Development in India** Chapter - 1. Structural Change Chapter - 2 Cultural Change
11	**Psychology**	1. Intelligence 2. Stress 3. Disorders 4. Therapies 5. Attitude
12	**History**	Theme - 1. Bricks, Beads and Bones Theme - 2. Kings, Farmers and Towns Theme - 3. Kinship, Caste and Class Theme - 4. Thinkers, Beliefs and Buildings Theme - 5. Through the Eyes of Travellers Theme – 6. Bhakti Sufi Traditions
13	**Political Science**	1. The End of Bipolarity 2. New Centres of Power 3. Contemporary South Asia 4. International Organizations 5. Challenges of Nation Building 6. Era of One-Party Dominance 7. Politics of Planned Development 8. India's External Relations

14	Physical Education	UNIT – 1. Management of Sporting Events
		UNIT – 2. Children and Women in Sports
		UNIT – 3. Yoga as Preventive measure for Lifestyle Disease
		UNIT – 4. Physical Education & Sports for (CWSN)
		UNIT – 5. Sports & Nutrition
		UNIT – 6. Test and Measurement in Sports
15	Kathak	**Theory**
		1. A brief history of other classical dance styles of India.
		2. Basic understanding of the term Abhinaya and definition of its four aspects: angika, vachika, aharya, satvika.
		3. Knowledge of the following terms: (short note) sangeet, tal, laya, angahara, bhramari, lokadharmi, natyadharmi, rasa and bhava.
		4. Knowledge of the technical terminology of the dance form.
		1. Definition of the following:
		1. Vandana
		2. Tihaayi
		3. Aamad
		4. Toda/Tukraa
		5. Paran
		6. Chakardar Toda /Tukraa and Paran
		2. Knowledge of Theka of Dadra, Kaharwa, Roopak
		Practical
		1. Practice of the tatkar set to teen taal and jhap taal in slower tempo, in its double (dugun) and four times (chougun) tempos.
		2. Student should know all the techniques and compositions of the following:
		• Gatbhava
		• Gatnikas
		• Kavit
		• Uthaan
		• That
		• Tihai
		• Salami
		• Simpal tukra
		• One folk dance
16	Music	Learn
		Raag Bhairav aroh avroh pakar, chota khyal,alap tane and notation
		Raag Malkauns
		Tarana, Swar Lipi
		Parichai, Aroh,Avroh, Pakad
		Time theory
		Faiyaz khan jeevni
		Bade Gulam Ali Khan jeevni
		Definitions- Alankar, Meend, Kan
		Taal
		Rupak and Jhap Taal (Dugun, Chogun)
		Tuning of Tanpura
17	Computer Science	Chapter 2- Python Revision Tour II
		Chapter 3 – Working with functions
		Chapter 5 – File Handling
		Chapter 9 – Data structures -2
		Chapter 12 – Relational databases
		Chapter 13 – Simple Queries in SQL
		Chapter 14 – Table Creation and DML Commands
		Chapter 15 – Grouping Records, Joins in SQL

18	Legal Studies	1 Unit 1: Judiciary 2. Unit 2: Alternative Dispute Resolution in India(adr) 3. Unit 5: Chapter 5a : Human Rights in India chapter 5b: Human Rights Violations - Complaint Mechanism (quasi- judicial bodies) 4.Unit 7: Legal Profession in India 5. Unit 8: Legal Services
19	Painting	Chapter – 2. Rajasthani School of Painting Chapter – 3. Mughal School of Painting Chapter- 4. Deccani School of Painting
20	Food Production	Chapter - 2. Indian nacks Chapter - 3. Indian gravies Chapter - 4. Indian sweets Chapter - 5. Presentation of Indian Meals Chapter – 6. Fast Food
21	FMM	**Employability Skills** Unit 4: Entrepreneurial Skills Unit 5: Green Skills **Subject Specific Skills** Unit 1. Introduction to Indian Securities Market and Trading Membership Unit 2: Trading Unit 3: Clearing and Settlement, Legal Framework Unit 4: Financial Statement Analysis