

	<u>SUBJECT</u>	<u>SYLLABUS</u>
1	English	READING SKILL:UNSEEN PASSAGE, NOTE MAKING WRITING SKILL: 1. CLASSIFIED ADVERTISEMENT 2. POSTER 3. SPEECH 4. DEBATE GRAMMAR: Tenses, Clauses, re-ordering/transformation of sentences LITERATURE Hornbill: Ch-1 The Portrait of a Lady (Prose) Ch-2 A Photograph (Poem) Ch-3 "We're Not Afraid to Die... if We Can Be Together Ch-4 Discovering Tut: The Saga Continues Ch-5 The Laburnum Top (Poem) Ch-6 The Voice of the Rain (Poem) Ch-7 Childhood (Poem) Ch-8 The Adventure Ch-9 Silk Road (Prose) Ch-10 Father to Son Snapshots: • The Summer of the Beautiful White Horse (Prose) Ch-1 The Address (Prose) Ch-2 Mother's Day (Play) Ch-3 Birth (Prose) Ch-4 The Tale of Melon City
2	CHEMISTRY	Ch-1 Some Basic Concepts of chemistry Ch-2 Atomic structure Ch-3 Periodic classification of elements and their properties Ch-4 Chemical Bonding Ch-5 Thermodynamics Ch-6 Equilibrium Ch-7 Redox Ch-8 General Organic Chemistry Ch-9 Hydrocarbon
3	MATHS	Ch-1 Set Theory, Ch-2 Relation and function, Ch-3 Trigonometry, Ch-4 Complex Numbers and Quadratic Equation, Ch-5 Linear Inequalities, Ch-6 Permutation and Combination, Ch-7 Binomial Theorem, Ch-8 Sequence and Series, Ch-9 Straight Lines, Ch-10 Conic Sections, Ch-11 Introduction to three dimensional geometry, Ch-12 Limits and derivatives, Ch-13 Statistics, Ch-14 Probability.
4	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-8 Gravitation Ch-9 Mechanical Properties of Solids Ch-10 Mechanical Properties of Fluids Ch-11 Thermal Properties of Matter Ch-12 Thermodynamics Ch-13 Kinetic Theory Ch-14 Oscillations Ch-15 Waves

5	BIOLOGY	Ch-1 The Living World Ch-2 Biological classification Ch-3 Plant Kingdom Ch-4 Animal Kingdom Ch-5 Morphology of Flowering Plants Ch-6 Structural Organisation in Animals Ch-7 Anatomy of Flowering Plants Ch-8 Cell-The Unit of Life Ch-9 Biomolecules Ch-10 Cell Cycle and Cell Division Ch-11 Photosynthesis in Higher Plants Ch-12 Respiration in Plants Ch-13 Plant - Growth and Development Ch-14 Breathing and Exchange of Gases Ch-15 Body Fluids and Circulation Ch-16 Excretory Products and their Elimination Ch-17 Locomotion and Movement Ch-18 Neural Control and Coordination Ch-19 Chemical Coordination & Integration
6	BUSINESS STUDIES	Ch-1 Nature and Purpose of Business Ch-2 Forms of Business Organisations Ch-3 Public, Private and Global Enterprises Ch-4 Business Services Ch-5 Emerging Modes of Business Ch-6 Social Responsibility of Business and Business Ethics Ch-7 Sources of Business Finance Ch-8 Small Business Ch-9 Internal Trade Ch-10 International Business
7	ACCOUNTANCY	Ch-1 Introduction to Accounting Ch-2 Basic Accounting Ch-3 Theory base of accounting and Accounting Standard Ch-4 Bases of accounting Ch-5 Accounting Equation Ch-6 Accounting Procedure Ch-7 Journal Ch-8 Ledger Ch-9 GST Ch-10 Special Purpose Book-1 Ch-11 Special Purpose Book-2 Ch-12 Trial Balance Ch-13 Bank Recomcilization Statement Ch-14 Depreciation, Ch-15 Provision & Reserve and capital and Revenue Ch-16 Financial Statements of Sole Proprietorship, Ch-17 Adjustments of Financial Statements Ch-18 Rectification of Error Ch-19 Records from incomplete records
8	ECONOMICS	Microeconomics: Ch-1 Introduction Ch-2 Consumer's Equilibrium Ch-3 Demand Ch-4 Elasticity of Demand Ch-5 Production Function Ch-6 Cost Ch-7 Revenue Ch-8 Producer Equilibrium Ch-9 Supply Ch 10- Forms of Market and Price determination Statistics- Ch-1 & 2 Meaning, Scope and Introduction of Statistics. Ch-3 Collection of Data Ch-4 Organisation of data Ch-6 Diagrammatic Presentation Ch-7 Graphic Presentation Ch-8 Arithmetic Mean Ch-9 Median and Mode Ch-10 Measure of Correlation Ch-11 Index Numbers

9	HISTORY	Ch-1 Writing and City Life. Ch-2 An Empire Across Three Ch-3 Nomadic Empire Ch-4 Three Orders Ch-5 Changing Cultural Traditions Ch-6 Displacing Indigenous People Ch-7 Path to Modernization
10	POL. SC.	Part A: Indian Constitution at Work Ch-1 Constitution: Why and How? Ch-2: Rights in the Indian Constitution Ch-3 Election and Representation Ch-4 Executive Ch-5 Legislature Ch-6 Judiciary Ch-7 Federalism Ch-8 Local Governments Ch-9 Constitution as a Living Document Ch-10 Philosophy of the Constitution Part B: Political Theory Ch-1 Political Theory: An Introduction Ch-2 Freedom Ch-3 Equality Ch-4 Social Justice Ch-5 Rights Ch-6 Citizenship Ch-7 Nationalism Ch-8 Secularism
11	HINDI	साहित्य गद्य खंड पाठ-1 नमक का दरोगा पाठ-2 मियाँ नसीरुद्दीन पाठ-3 अपू के साथ ढाई साल पाठ-4 विदाई संभाषण पाठ-5 गलता लोहा पाठ-7 रजनी पाठ-8 जामुन का पेड़ पाठ-9 भारत माता साहित्य काव्य खंड पाठ-1 पदः कबीर पाठ-2 पदः मीरा पाठ-5 घर की याद पाठ-6 चंपा काले-काले अच्छर नहीं चीन्हती पाठ-7 गङ्गल पाठ-8 हे भूख! मत मचल, हे मेरे जूही के फूल जैसे ईश्वर पाठ-9 सबसे खतरनाक पाठ-10 आओ, मिलकर बचाएँ वितान भाग 1 पाठ-1 भारतीय गायिकाओं में बेजोड़ लता मंगेशकर पाठ-2 राजस्थान की रजत बूँदें पाठ-3 आलो-आँधीरे अभिव्यक्ति और माध्यम- पाठ-1 जनसंचार माध्यम पाठ-2 पत्रकारिता के विविध आयाम पाठ-9 डायरी लेखन पाठ-10 कथा पटकथा पाठ-14 कार्यालयी लेखन और प्रक्रिया पाठ-15 स्ववृत्त लेखन पाठ-16 कोश-एक परिचय
12	PHYSICAL EDUCATION	Unit -1 Changing trends and career in physical Education Unit-2 Olympism Unit-3 Yoga Unit-4 Physical Education and sports for CWSN Unit-5 Physical fitness, health and wellness Unit-6 Test, measurement and evaluation Unit-7 Fundamentals of anatomy, physiology in sports Unit -8 Fundamentals of kinesiology and biomechanics in sports Unit -9 Psychology and sports Unit-10 Training and doping in sports

13	APPLIED MATHS	Unit -1 Numbers, Quantification and Numerical Application Unit -2 Algebra Unit-3 Mathematical Reasoning Unit-4 Calculus Unit-5 Probability Unit-6 Descriptive Statistics Unit-7 Basics of Financial Mathematics Unit-8 Coordinate Geometry
14	COMPUTER SCIENCE	<p>Unit 1: Computer Systems and Organisation</p> Basic computer organisation Types of software Operating System(OS) Boolean logic Number System Encoding Schemes <p>Unit 2: Computational Thinking and Programming - I</p> Introduction to Problem-solving Familiarization with the basics of Python programming Knowledge of data types Operators Expressions, statement, type conversion, and input/output Errors- syntax errors, logical errors, and run-time errors Conditional statements, Iterative Statement Strings Manipulation Lists Manipulation Tuples & Dictionary Introduction to Python modules <p>Unit 3: Society, Law and Ethics</p> Digital Footprints Digital Society and Netizen Data Protection Cyber Crime Cyber safety Malware: viruses, trojans, adware E-waste management Information Technology Act (IT Act) Technology and society
15	PAINTING	Ch-1 An Introduction of Art Ch-2 Pre - Historic Indian Rock Painting and Art of Indus Valley Civilization. Ch-3 Art of Ajanta and Hindu, Mauryan and Jain Art. Ch-4 Hindu Temple Sculpture and Indo Islamic Architecture
16	NCC	Ch-1 General Introduction. Ch-2 National Integration and Awareness. Ch-3 Drill. Ch-4 Weapons Training. Ch-5 Personality Development and Leadership. Ch-6 Disaster Management. Ch-7 Social Awareness and Community Development. Ch-8 Health and Hygiene. Ch- 9 Adventure Training and Obstacle Training. Ch-10 Basic Organization of Armed Forces. Ch-11 Map Reading. Ch-12 Field Craft/ Battle Craft. Ch-13 Introduction to Infantry Weapons and Equipment. Ch-14 Military History. Ch-15 Communication.
17	PSYCHOLOGY	Ch-1 What is Psychology? Ch-2 Methods of enquiry in Psychology Ch-3 Human Development Ch-4 Sensory, Attentional and Perceptual Processes Ch-5 Learning. Ch-6 Human Memory Ch-7 Thinking Ch-8 Motivation and Emotion

18	ARTIFICIAL INTELLIGENCE	<p>Part A :</p> <p>Unit-1 Communication Skills - III Unit-2 Self Management Skills- III Unit-3 ICT Skills- III Unit-4 Entrepreneurial Skills-III Unit-5 Green Skills- III</p> <p>Part B</p> <p>Unit-1 Introduction Artificial Intelligence for everyone Unit-2 Unlocking your future in AI Unit-3 Python Programming Unit-4 Introduction to capstone project Unit-5 Data Literacy - data Collection to data analaysis Unit-6 Machine Learning Alogrithm Unit-7 Leveraging Linguistics and Computer Science Unit-8 AI Ethics and Value</p>
19	ENTREPRENURESH IP	<p>Unit-1 Entrepreneurship: Concept and Functions Unit-2 An Entrepreneur Unit-3 Entrepreneurial Journey Unit-4 Entrepreneurship as Innovation Unit-5 Understanding the Market Unit-6 Business Finance and Arithmetic Unit-7 Resource Mobilization</p>
20	LEGAL STUDIES	<p>Unit - 1 Theory and Nature of Political Institutions Unit - 2 Nature and Sources of Law Unit - 3 Historical Evolution of the Indian Legal System Unit - 4 Judiciary: Constitutional, Civil and Criminal Courts and Processes Unit - 5 Family Justice System</p>
21	MUSIC	<p>Unit-1.1 Brief study of the following: Nada, Shruti, Swar, Saptak, Thaat, Jati, Laya, Tala Unit-1.2 Brief study of the following: Margi- Desi Sangeet, Raga Unit-2 Brief History of the following Dhrupad, Khayal and Tarana Unit-3.1 Brief study of Musical Elements in Natya Shastra Unit-3.2 Life sketch and contribution of Tansen, V. N. Bhatkhande and V. D. Paluskar Unit-4.1 Description of prescribed Talas along with Tala Notation with Thah, Dugun and Chaugun <ol style="list-style-type: none"> 1. Teentala 2. Ektala 3. Chautala <p>Unit 4. 2 Knowledge of the Structure of Tanpura</p> <p>Unit-5.1 Critical study of Prescribed Ragas. Recognizing Ragas from phrases of Swaras and elaborating them.</p> <p>Unit- 5. 2 Writing in natation the compositions of prescribed Ragas</p> <ol style="list-style-type: none"> 1. Bihag 2. Bhimpalasi 3. Bhairavi </p>

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 Principal

