

SYLLABUS FOR THE YEAR 2021 - 2022

MONTH: APRIL

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 1. A Photograph - Shirley Toulson (Poem) 2. The Portrait of a Lady - Khushwant Singh Supplementary Reader: 1. The Summer of a Beautiful White Horse- William Saroyan (Short Story) Writing Skills: 1. Notice (Event, Information) Reading Comprehension Grammar: 1. Determiners
2.	MATHS	Chapter 3: Trigonometric Functions Chapter 1: Sets
3.	APPLIED MATHS	UNIT-1: Numbers, Quantification and Numerical Applications
4.	CHEMISTRY	Unit 1: Some Basic Concepts of Chemistry Unit 2: Structure of Atom
5.	PHYSICS	Unit 1: Physical World and Measurement Unit 2: Kinematics
6.	BIOLOGY	Chapter 16: Digestion and Absorption Chapter 17: Breathing and Exchange of Gases Chapter 18: Body Fluids and Circulation
7.	HISTORY	Section A: Early Societies Chapter 1: From the Beginning of Time
8.	ECONOMICS	Statistics Unit 1: Introduction (Chapter 1 & 2) Micro Economics: Unit 1: Introduction.
9.	POLITICAL SCIENCE	Chapter 1: Constitution - Why and How? (B1) Chapter 9: Constitution as a Living Document (B1) Chapter 10: Philosophy of the Constitution (B1)
10.	ACCOUNTANCY	Chapter 1: Introduction to Accounting Chapter 2: Basic Accounting Terms
11.	BUSINESS STUDIES	Unit-1 Nature and Purpose of Business

12.	PSYCHOLOGY	Chapter 1: What is Psychology? Chapter 2: Methods of Enquiry in Psychology
13.	PHYSICAL EDUCATION	Theory Unit 1: Changing trends and career in Physical Education Practical: Activity for medicine ball and skipping rope
14.	COMPUTER SCIENCE	Chapter 1 – Computer Organisation Chapter 1: Getting started with python Chapter 2: Python programming fundamentals
15.	APPLIED ART	L-1: Object study Basic (Practical) L-2: Introduction to pre historic art in Indian (Theory)
16.	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit 4: Entrepreneurial Skills- III SUBJECT SPECIFIC SKILLS Unit -4: RDBMS

MONTH: MAY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 3. The Laburnum Top- Ted Hughes (<i>Poems</i>) 4. Discovering Tut: The Saga Continues Supplementary Reader: 2. Albert Einstein at School- Patrick Pringal Writing Skills: 2. Factual Description (Paragraph): (i) Event/ incident (Writing a description) 3. Official Letter (to the Editor) Grammar: 2. Verb Forms (Tenses) Holiday Homework: <i>The Ailing Planet: The Green Movement's Role</i> (Report Presentation) 2. Film Review
2.	MATHS	Chapter 2: Relations & Functions
3.	APPLIED MATHS	UNIT-2: Algebra UNIT-3: Mathematical Reasoning
4.	CHEMISTRY	Unit 3: Classification of Elements and Periodic Properties Unit 4: Chemical Bonding and Molecular Structure

5.	PHYSICS	Unit 2: Kinematics (Continued) Unit 3: Laws of motion.
6.	BIOLOGY	Chapter 19: Excretory Products and their Elimination Chapter 20: Locomotion and Movement Chapter 21: Neural Control and Coordination
7.	HISTORY	Chapter 2: Writing and City Life Section B: Empires Chapter 3: An Empire across Three Continents
8.	ECONOMICS	Statistics Unit2: Collection and Organisation of data- (Chapter-3 &4) Draft for Economics Project as per CBSE guidelines.
9.	POLITICAL SCIENCE	Chapter 2: Rights in the Indian Constitution (B1) Chapter 3: Elections and Representation (B1).
10.	ACCOUNTANCY	Chapter 4: Bases of Accounting Chapter 5: Accounting Equation Chapter 6: Accounting Procedures-Rules of Debit and Credit Chapter 7: Origin of transactions- Source Documents and Preparations of Vouchers
11.	BUSINESS STUDIES	Unit 2: Forms of Business Organisation
12.	PSYCHOLOGY	Practical: Introduction to Experimental Psychology Chapter 3: The Bases of Human Behaviour
13.	PHYSICAL EDUCATION	Theory Unit 2: Olympic Value Education Practical: Latest record Indian at World and Olympic level
14.	COMPUTER SCIENCE	Chapter 2- Data Representation and Boolean Logic Chapter 3-Computational Thinking and getting Started with Python Chapter 3: Conditional and Looping Constructs Chapter 4: Strings in Python Holiday Homework: Read Blogs/News related to Cyber Laws and its act 2008. Revise Chapter -1 to 4.
15.	APPLIED ART	L-3 Still life study L-4 Art of Indus valley

16.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit -4: RDBMS (Continued)
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MONTH: JULY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 5. We're Not Afraid to Die- Gordon Cook and Alan East 6. The Ailing Planet- Nani Palkiwala Supplementary Reader: 3. The Address- MargaMinco Writing Skills: 4 Letter Placing Order/ Replies 5. Article Grammar: 3. Modals Comprehension: Note Making, Summarising
2.	MATHS	Chapter 4: Principle of Mathematical Induction, Chapter 5: Complex Numbers and Quadratic Equations, Chapter 6: Linear Inequalities
3.	APPLIED MATHS	UNIT-4: Calculus
4.	CHEMISTRY	Unit 5: States of Matter Unit 6: Thermodynamics
5.	PHYSICS	Unit 3: Laws of motion (Continued) Unit 4: Work, power and energy
6.	BIOLOGY	Chapter 22: Chemical Control and Integration Chapter 1: The Living World Chapter 2: Biological Classification
7.	HISTORY	Chapter 4: Central Islamic Lands Chapter 5: Nomadic Empires
8.	ECONOMICS	Micro Economics: Unit 2: Consumer's Equilibrium and Demand Statistics- Presentation of Data (Chapter-5,6 &7)
9.	POLITICAL SCIENCE	Chapter 1: Political Theory (B2) Chapter 2: Freedom (B2) Chapter 3: Equality (B2) Chapter 4: Social Justice(B2)
10.	ACCOUNTANCY	Chapter 3: Theory Base of Accounting Chapter 8: Journal Chapter 9: Ledger

		Chapter 10: Special Purpose Books I- Cash Book Chapter 11: Special Purpose Books II-Other Books
11.	BUSINESS STUDIES	Unit 3: Private, Public and Global Enterprises. Unit 4: Business Services
12.	PSYCHOLOGY	Practical- One Psychology Experiment Chapter 4: Human Development
13.	PHYSICAL EDUCATION	Theory Unit 3: Physical Fitness, Wellness and Lifestyle Unit 4: Physical Education and Sports for CWSN Practical: Activity for Basketball and Judo (Records and dimensions skills and terms)
14.	COMPUTER SCIENCE	Chapter 4- Python Programming Fundamentals Chapter 5: Lists in Python Chapter 6: Tuples and Dictionary
15.	APPLIED ART	L-5: Nature study L-6: Rock Paintings in India
16.	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit 5: Green Skills- III Unit 2: Self-management Skills- III SUBJECT SPECIFIC SKILLS Unit-1: Computer Organization

MONTH: AUGUST

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 7. The Voice of the Rain- Walt Whitman- (Poem) 8. Landscape of the Soul- Nathalie Trouveroy Supplementary Reader: 4. Ranga's Marriage– Masti Venkatesh Iyengar (Short Story) Writing Skills: 6. Letter of Enquiry/ Reply 7. Letter of Complaint/ Reply Subject Enrichment Activity: ASL: (i)Listening (ii) Speaking
2.	MATHS	Chapter 7: Permutations and Combinations Chapter 8: Binomial Theorem Chapter 9: Sequences and series

3.	APPLIED MATHS	UNIT-5: Probability
4.	CHEMISTRY	Unit 8: Redox Reactions Unit 9: Hydrogen
5.	PHYSICS	Unit 5: Motion of system of particles and rigid body Unit 6: Gravitation
6.	BIOLOGY	Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom Chapter 5: Morphology of Flowering Plants
7.	HISTORY	Section C: Changing Traditions Chapter 6: The Three Orders
8.	ECONOMICS	Micro Economics: Unit 3: Producer's Behaviour and Supply - Production Function Statistics: Unit 3: Statistical tools and interpretation Measures of Central Tendency-Mean
9.	POLITICAL SCIENCE	Chapter 5: Rights(B2) Chapter 4: Executive (B1) Chapter 5: Legislature (B1)
10.	ACCOUNTANCY	Chapter 12: Bank Reconciliation Statement Chapter 13: Trial Balance Chapter18: Financial Statements of Sole Proprietorship
11.	BUSINESS STUDIES	UNIT-5 Emerging Modes of Business UNIT-6 Social Responsibility of Business and Business Ethics
12.	PSYCHOLOGY	Chapter 5: Sensory and Perceptual Processes
13.	PHYSICAL EDUCATION	Theory Unit 5: Yoga Unit 6: Physical Activity and Leadership Training Practical: Activities for Swimming and table tennis (Records and dimensions skills and terms) Revision for Half Yearly exams
14.	COMPUTER SCIENCE	Chapter 5- Conditional Looping and Constructs Chapter 6- Strings in Python Chapter 7: Error and Exception Handling in Python
15.	APPLIED ART	L-7: Composition work L-8: Buddhist and Jain Art

16.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit -2: Networking And Internet
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MONTH: SEPTEMBER - REVISION & HALF YEARLY EXAMINATION

MONTH: OCTOBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 9. Childhood- Markus Natten (<i>Poem</i>) 10. The Browning Version- Terrence Rattigan (Play Excerpt). 11. The Adventure- Jayant Narlikar (Short Story) Writing Skills: 8. Letter on School Issues Grammar: 4. Active & Passive
2.	MATHS	Chapter 10: Straight Lines Chapter 11: Conic Sections
3.	APPLIED MATHS	UNIT-6: Descriptive Statistics
4.	CHEMISTRY	Unit 7: Equilibrium Unit 10: s-Block Elements
5.	PHYSICS	Unit 5: Motion of System of Particles and Rigid body (continued) Unit 7: Properties of Bulk Matter
6.	BIOLOGY	Chapter 6: Anatomy of Flowering Plants Chapter 7: Structural Organization in Animals Chapter 8: Cell: The Unit of Life
7.	HISTORY	Chapter 7: Changing Cultural Traditions Chapter 8: Confrontation of Cultures
8.	ECONOMICS	Statistics: Unit3: Statistical tools and interpretations (Chapter-8, 9 and 10)
9.	POLITICAL SCIENCE	Chapter 6: Judiciary (B1) Chapter 6: Citizenship (B2) Chapter 7: Federalism (B1)
10.	ACCOUNTANCY	Chapter 19: Adjustments in preparation of Financial Statements Chapter 17: Trial Balance and Rectification of Errors

11.	BUSINESS STUDIES	Unit 8: Small Business
12.	PSYCHOLOGY	Chapter 6: Learning Chapter 7: Human Memory
13.	PHYSICAL EDUCATION	Theory Unit 7: Test measurement and Evaluation Unit-8: Fundamentals of Anatomy and Physiology Practical: Activity for taekwondo and tennis (Records and dimensions skills and terms)
14.	COMPUTER SCIENCE	Chapter 7- Lists in Python Chapter 8: Computer System Organization Chapter 9: Data Representation and Boolean Logic
15.	APPLIED ART	L-9: Still life in colour, colour wheel L-10: Hindu art and sculpture
16.	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit 3: Information and Communication Technology Skills- III SUBJECT SPECIFIC SKILLS Unit-3: Office Automation Tools

MONTH: NOVEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 12. Father To Son – Elizabeth Jennings (<i>Poem</i>) Supplementary Reader:5. Birth - A.J. Cronin (Short Story) Writing Skills:9. Display Advertisement, Poster Grammar: 5. Clauses Comprehension: Note Making Revision
2.	MATHS	Chapter 12: Introduction to 3- Dimensional Geometry Chapter 13: Limits and Derivatives Chapter 14: Mathematical reasoning
3.	APPLIED MATHS	UNIT-7: Basics of Financial Mathematics
4.	CHEMISTRY	Unit 11: p-Block Elements Unit 12: Organic Principles and some Basic Concepts in Chemistry

5.	PHYSICS	Unit 7: Properties of Bulk Matter (continued) Unit 8: Thermodynamics
6.	BIOLOGY	Chapter 9: Bio molecules Chapter 10: Cell Cycle and Cell Division Chapter 11: Transport in Plants
7.	HISTORY	Section D: Towards Modernization Chapter 9: The industrial Revolution
8.	ECONOMICS	Micro Economics: Unit 3: Producer's Behaviour and Supply (Cost, Revenue, Producer's Equilibrium and Supply) Statistics: Correlation (Chapter 11)
9.	POLITICAL SCIENCE	Chapter 8. Local Government (B1) Chapter 7. Nationalism (B2) Chapter 8. Secularism (B2).
10.	ACCOUNTANCY	Chapter 16 Bills of Exchange Chapter 14 Depreciation Chapter 15: Provisions and Reserves
11.	BUSINESS STUDIES	Unit 7: Sources of Business Finance Unit 9: Internal Trade
12.	PSYCHOLOGY	Chapter 8: Language and Thought
13.	PHYSICAL EDUCATION	Unit 9: Psychology and Sports
14.	COMPUTER SCIENCE	Chapter 8-Tuples and Dictionary Chapter 9 – Introduction to Python Modules Chapter 10: Database Concepts Chapter 11: Structured Query Language
15.	APPLIED ART	L – 11: Book cover with English Calligraphy L – 12: Bronze Art
16.	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit1: Communication Skills- III

MONTH: DECEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Reader: 6. Mother's Day- J.B. Priestley (Skit) 7. Tale of Melon City: Vikram Seth (<i>Poem</i>) Writing Skills:11. Job Application Reading Project: Choose any one for the Supplementary Reading Project a) Prepare a film/PPT and a Project File (including script/ summary) b) Include an of the following: i. Poster ii. Display Advertisement iii. Comic Strip

2.	MATHS	Chapter 15: Statistics Chapter 16: Probability
3.	APPLIED MATHS	UNIT-8: Coordinate Geometry
4.	CHEMISTRY	Unit 13: Hydrocarbon
5.	PHYSICS	Unit 8: Thermodynamics (Continued) Unit 9: Behaviour of Perfect Gas & Kinetic Theory
6.	BIOLOGY	Chapter 12: Mineral Nutrition Chapter 13: Photosynthesis in Higher Plants Chapter 14: Respiration in Plants
7.	HISTORY	Chapter 10: Displacing Indigenous People Chapter 11: Paths to Modernization
8.	ECONOMICS	Unit 4: Forms of Markets and Price Determination under Perfect Competition with Simple Applications Statistics: Introduction to Index numbers. (Chapter12)
9.	POLITICAL SCIENCE	Chapter 9. Peace (B2) Chapter 10. Development(B2)
10.	ACCOUNTANCY	Chapter 20: Accounts from Incomplete Records Chapter 21: Computers in Accounting Chapter 22: Accounting Software- Tally
11.	BUSINESS STUDIES	Unit 10: International Business/Trade
12.	PSYCHOLOGY	Practical - One Psychology Experiment
13.	PHYSICAL EDUCATION	Theory Unit 10: Training and Doping in Sports Practical: Mention CBSE Sports
14.	COMPUTER SCIENCE	Chapter 9 – Introduction to Python Modules (continued) Chapter 12: Cyber Safety Holiday Homework: Prepare soft copy of your project
15.	APPLIED ART	L 13: Hindi Devnagari Calligraphy L 14: Art of Indo Islamic Culture
16.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit-5: Fundamentals Of Java

MONTH: JANUARY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 13. Silk Road- Nick Middleton Supplementary Reader: 8. The Ghat of the Only World- Amitav Ghosh Writing Skills: 12. Classified Advertisement 13. Speech ASL: Assessment of Listening and Speaking Skills Revision of writing skills Reading Project: (Group Activity) Presentation

2.	MATHS	Revision for Final Term Examination
3.	APPLIED MATHS	Revision
4.	CHEMISTRY	Unit 13: Hydrocarbons (contd.) Unit 14: Environmental Chemistry Revision for Final Term Examination
5.	PHYSICS	Unit 10: Oscillations and waves Revision for Final Term Examination
6.	BIOLOGY	Chapter 15: Plant Growth and Development Revision for Final Term Examination
7.	HISTORY	Revision for Final Term Examination
8.	ECONOMICS	Micro Economics: Unit 4: Forms of Markets and Price Determination with Simple Applications (Continued) Revision for Final Term Examination
9.	POLITICAL SCIENCE	Revision for Final Term Examination
10.	ACCOUNTANCY	Revision for Final Term Examination
11.	BUSINESS STUDIES	Revision for Final Term Examination
12.	PSYCHOLOGY	Chapter 9: Motivation and Emotion Revision for Final Assessment
13.	PHYSICAL EDUCATION	Theory Revision with Worksheets Practical: Activity for all above games (Records and dimensions skills and terms) Revision for Annual exams
14.	COMPUTER SCIENCE	Chapter 10- Society, Law and Ethics Submission of Project in Python with Project File Project in Python with Project File Revision for final exams
15.	APPLIED ART	Practical Mock Test Revision for Theory
16.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit-5: Fundamentals Of Java (Cont)