

SYLLABUS FOR THE YEAR 2020-2021

MONTH : APRIL

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 1.My Mother at Sixty-Six - Kamala Das (<i>Poem</i>) 2.Keeping Quiet - Pablo Neruda (<i>Poem</i>) 3. A Thing of Beauty - John Keats (<i>Poem</i>) Supplementary Reader: 1.Should Wizard Hit Mommy? – John Updike (Short Story) 2.Journey to the End of the Earth-Tishani Joshi Writing Skill: 1. Classified Advertisement
2.	MATHS	Ch 1: Relations and Functions Ch 2 Inverse Trigonometric Functions Ch –3: Matrices
3.	CHEMISTRY	UNIT 1 : THE SOLID STATE UNIT 2 : SOLUTIONS UNIT 3 : ELECTROCHEMISTRY
4.	PHYSICS	UNIT1: Electrostatics
5.	BIOLOGY	Ch.1: Reproduction in Organisms Ch.2: Sexual Reproduction in Flowering Plants
6.	HISTORY	Theme 1: Bricks, Beads and Bones (B1) Theme 2: Kings, Farmers and Towns (B1) The Earliest states Early Empire Notions of Kingship Theme 3 : Kingship, caste and Class (B1) Mahabharata and social order
7.	ECONOMICS	MACRO ECONOMICS Unit-1 National income and Related Aggregates Unit -2 Money and Banking
8.	POLITICAL SCIENCE	Ch 1. Challenges of Nation building (B1) Ch 2. Era of One-Party Politics (B1) Ch3. Politics of Planned Development (B1)
9.	ACCOUNTANCY	Unit 2- Accounting for partnership firms 1. Partnership Fundamentals 2. Goodwill 3. Change in profit sharing ratio among existing Partners

10.	BUSINESS STUDIES	UNIT 1-Nature and Significance of management UNIT 11- Marketing Management
11.	PSYCHOLOGY	1. Intelligence and Aptitude 2. Self and Personality
12.	PHYSICAL EDUCATION	Ch-1- Planning in Sports
13.	COMPUTER SCIENCE	Ch7- Computer Networks
14	APPLIED ART	L-1 Introduction to miniature paintings, Rajasthani and Pahari schools of art(theory) L-2 Study of basic concept of illustration
15	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit 4: Entrepreneurial Skills- IV SUBJECT SPECIFIC SKILLS Unit -1: Database Concepts – RDBMS tool (Continued)
16	APPLIED MATHS	Unit 1 Numbers, Qualifications and Numerical Applications Unit 2 Algebra

MONTH: MAY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 4. An Elementary School Classroom in a Slum - Stephen Spender(<i>Poem</i>) 5. Indigo - Louis Fischer 6. Deep Water - William Douglas Supplementary Reader: 3. The Enemy- Pearl S Buck HOLIDAY HOMEWORK: Collect and paste the following: 1. Display Advertisements for 2 products and 2 services. 2. Two posters on any issue or event.
2.	MATHS	Ch – 4: Determinants Ch – 5: Continuity and Differentiability H.H.W. - Assignment based on ch-1 to 5 from last three year question papers.
3.	CHEMISTRY	UNIT 4 : CHEMICAL KINETICS UNIT 5 : SURFACE CHEMISTRY

		UNIT 6 : GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF ELEMENTS
4.	PHYSICS	UNIT II: Current Electricity Unit III- Magnetic Effects of Current & Magnetism
5.	BIOLOGY	Ch.3: Human Reproduction Ch.4: Reproductive Health
6.	HISTORY	Theme 4: Thinkers, Beliefs and Buildings (B1) Beliefs of Buddhism and Jainism
7.	ECONOMICS	MACRO ECONOMICS Unit -3 Determination of Income and Employment
8.	POLITICAL SCIENCE	Ch 4. India's External Relations (B1) Ch 5. Challenges to the Restoration of the Congress System (B1) Ch 6. The Crisis of Democratic Order (B1) Ch 1. Cold War Era in World Politics (B2)
9.	ACCOUNTANCY	4. Admission of a Partner 5. Retirement of a Partner
10.	BUSINESS STUDIES	UNIT 2- Principles of Management UNIT3- Business environment UNIT 4-Planning Holiday Homework- Comprehensive project based on CBSE guidelines.
11.	PSYCHOLOGY	Ch 3. Human Strengths and Meeting Life Challenges Practical : Introduction to Psychological Testing and Two Psychological Tests
12.	PHYSICAL EDUCATION	Ch -2- Sports and Nutrition
13.	COMPUTER SCIENCE	Ch 8 Relational Data Bases and SQL
14	APPLIED ART	L-3 Mughal and Deccan school of miniature painting L-4 Book Illustrations
15	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit -1: Database Concepts – RDBMS tool (Continued)
16	APPLIED MATHS	Unit 3 Inferential Statistics

MONTH: JULY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Preparatory Examination-1 Course Book: 7. A Roadside Stand- Robert Frost 8. The Last Lesson - Alphonse Daudet (Short Story) Supplementary Reader: 4. The Tiger King- Kalki (Short Story) 5. The Third Level- Jack Finney Writing Skills: 2. Invitation (Formal/ Informal/ Replies)
2.	MATHS	Ch – 6 Application of Derivatives Ch – 7: Integrals
3.	CHEMISTRY	UNIT 10 : HALOALKANES AND HALOARENES UNIT 11 : ALCOHOLS, PHENOLS AND ETHERS UNIT 12 : ALDEHYDES, KETONES AND CARBOXYLIC ACIDS
4.	PHYSICS	Unit III- Magnetic Effects of Current & Magnetism (ctd) Unit IV Electromagnetic Induction & AC
5.	BIOLOGY	Preparatory Examinations Ch.5. Principles of Inheritance and Variation Ch.6: Molecular Basis of Inheritance
6.	HISTORY	Theme 5: Through the Eyes of Travellers (B2) Theme 6: Bhakti and Sufi Traditions (B2) Theme 7: An Imperial Capital : Vijaynagara (B2)
7.	ECONOMICS	INDIAN ECONOMIC DEVELOPMENT Development Policies and Experience 1947-1990 Ch-1 Indian Economy on the eve of independence, Ch-2 Indian Economy 1950-1990 Economic Reforms since 1991 Ch-3 Liberalisation, Privatisation and Globalisation
8.	POLITICAL SCIENCE	PREPARATORY TEST I Ch 2. End of Bipolarity (B2) Ch 3. US Hegemony in World Politics (B2) Ch 4. Alternative Centres of Power (B2)
9.	ACCOUNTANCY	Death of a Partner 6. Dissolution of a Partnership firm

10.	BUSINESS STUDIES	UNIT 5- Organizing UNIT 6- Staffing
11.	PSYCHOLOGY	Ch.4. Psychological Disorders Ch.5. Therapeutic Approaches and Counselling
12.	PHYSICAL EDUCATION	Ch3- Yoga and Lifestyle Ch-4 Physical Education & Sports for CWSN (Children with special needs-Divyang)
13.	COMPUTER SCIENCE	Ch8 Relation Data Bases and SQL (Continued) Ch9 Interface Python with SQL
14	APPLIED ART	L-5 Bengal school of Indian Art L-6 Study of human figure
15	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit 5: Green Skills- IV Unit 2: Self-management Skills- IV SUBJECT SPECIFIC SKILLS Unit-4: Work Integrated Learning IT – DMA
16	APPLIED MATHS	Unit-4 Index Numbers and Time-based data

MONTH: AUGUST

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book: 9. Lost Spring – Anees Jung 10. The Rat Trap - Selma Lagerlof(Short Story) 11. Poets and Pancakes- Asokamitran Supplementary Reader: 6. On the Face of it- Susan Hill Writing Skills: 3. Formal Letters ASL: Assessment of Listening and Speaking Skills
2.	MATHS	Ch – 8 : Application of Integrals Ch – 9 Differential Equations
3.	CHEMISTRY	UNIT 13 : ORGANIC COMPOUNDS CONTAINING NITROGEN UNIT 14 : BIOMOLECULES UNIT 15 : POLYMERS UNIT 16 : CHEMISTRY IN EVERYDAY LIFE
4.	PHYSICS	Unit IV Electromagnetic Induction & AC (ctd) Unit :- V Electromagnetic Waves

5.	BIOLOGY	Ch.7: Evolution Ch.8: Human Health and Disease
6.	HISTORY	Theme 8: Peasants, Zamindars and The State (B2) Theme 9: Kings and Chronicles (B2) Theme 10: Colonialism and the Countryside (B3)
7.	ECONOMICS	INDIAN ECONOMIC DEVELOPMENT Ch 4-Poverty Ch 5-Human Capital Formation Ch 6-Rural Development
8.	POLITICAL SCIENCE	Ch 5. Contemporary South Asia (B2) Ch 6. International Organisations (B2) Ch 7. Security in Contemporary World (B2) Revision for Half Yearly Examination
9.	ACCOUNTANCY	Unit 4- Analysis of Financial Statements 1. Financial Statements of a Company 2. Financial Statement Analysis 3. Tools of financial Statement Analysis- Comparative Statements and Common- Size Statements. 4. Ratio Analysis 5. Cash Flow Statement
10.	BUSINESS STUDIES	UNIT 7- Directing. UNIT 8 –Controlling
11.	PSYCHOLOGY	Ch 6. Attitude and Social Cognition Practical - One Psychological Test
12.	PHYSICAL EDUCATION	Ch- 5 Children & Women in Sports Ch- 6 Test & Measurement in Sports
13.	COMPUTER SCIENCE	Ch1 Review of Python with Basics Ch2 Functions Ch3 Using Python Libraries
14	APPLIED ART	L-7 Influence of wash color technique in India L-8 Poster Making L -9 Contemporary art in India L-10 Poster making in color
15	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit -2: Operating Web Based Applications EMPLOYABILITY SKILLS

		Unit 3: Information and Communication Technology Skills- IV
16	APPLIED MATHS	Unit 5 Calculus

MONTH: SEPTEMBER: Revision: Half Yearly Examination

MONTH: OCTOBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book:12. The Interview- Mukul Padmanabhan Supplementary Reader:7. Evans Tries an O Level – Colin Dexter 8. Memories of Childhood- Zitkala- Sa, Bama
2.	MATHS	Ch – 10: Vector Algebra Ch – 11: Three – Dimensional Geometry
3.	CHEMISTRY	UNIT 7 : P- BLOCK ELEMENTS UNIT 8 : THE d- AND f- BLOCK ELEMENTS
4.	PHYSICS	Unit VI : Optics
5.	BIOLOGY	Ch.9: Strategies for Improvement in Food Resources Ch.10: Microbes in Human Welfare Ch.11: Biotechnology: Principles and Processes
6.	HISTORY	Theme11- Rebels and the Raj(B3) Theme 12 - Colonial Cities (B3)
7.	ECONOMICS	MACRO ECONOMICS Unit 4: Government Budget and the Economy Unit 5:Balance of Payments INDIAN ECONOMIC DEVELOPMENT Ch7-Employment: Growth, Informalization and other related issues
8.	POLITICAL SCIENCE	Ch 8. Environment and Natural Resources (B2) Ch 9. Globalisation (B2) Ch 7. Rise of Popular Movements (B1)

9.	ACCOUNTANCY	Unit 1-Financial Statements of Not For Profit Organizations. Unit 3- Company Accounts 1. Issue of Share Capital
10.	BUSINESS STUDIES	UNIT-9 Financial Management UNIT-10 Financial Market
11.	PSYCHOLOGY	Ch7. Social Influence and Group Processes Ch8. Psychology and Life Practical - One Psychological Test
12.	PHYSICAL EDUCATION	Ch-7 Physiology & Injuries in Sports Ch-8 Biomechanics & Sports
13.	COMPUTER SCIENCE	Ch4 Datafile Handling Ch5 Program Efficiency
14	APPLIED ART	L-11 Introduction of Canvas painting in India L-12 Portrait study
15	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit1: Communication Skills- IV SUBJECT SPECIFIC SKILLS Unit-3: JAVA
16	APPLIED MATHS	Unit 6 Financial Mathematics Unit7 Linear Programming

MONTH: NOVEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Course Book:13. Aunt Jennifer's Tigers - Adrienne Rich (<i>Poem</i>) 14. Going Places - A.R. Barton (Short Story) Revision: Writing Skills: 1. Business Letters 2. Job Application 3. Report
2.	MATHS	Ch – 12: Linear Programming Ch – 13: Probability Revision
3.	CHEMISTRY	UNIT 9 COORDINATION COMPOUNDS

4.	PHYSICS	Unit VII Dual Nature Of Matter And Radiation Unit-IX Electronic Devices
5.	BIOLOGY	Ch.12: Biotechnology and its Application Ch.13: Organisms and Population Ch. 14: Ecosystem Ch.15: Biodiversity and its Conservation
6.	HISTORY	Theme 13: Mahatma Gandhi and the Nationalist Movement (B3) Theme 14: Understanding Partition (B3) Theme 15: Framing the Constitution (B3)
7.	ECONOMICS	INDIAN ECONOMIC DEVELOPMENT Ch 8-Infrastructure Ch9-Environment and Sustainable Development Ch10- Development Experience of India, Pakistan and China
8.	POLITICAL SCIENCE	Ch 8. Regional Aspirations (B1) Ch 9. Recent Development in Indian Politics (B1)
9.	ACCOUNTANCY	Unit 3- 2. Issue of Debentures 3. Redemption of Debentures PRE-BOARD 1 EXAMINATION
10.	BUSINESS STUDIES	UNIT 12- Consumer Protection
11.	PSYCHOLOGY	9.Developing Psychological Skills Practical - One Psychological Test and Case Profile
12.	PHYSICAL EDUCATION	Ch- 9 Personality & Sports Ch-10 Training in Sports
13.	COMPUTER SCIENCE	Ch6 Data Structures in Python Submission Of Project in Python With Project File Revision for exams.
14	APPLIED ART	L-13 Art of Amrita Shergill, Raja Ravi Verma, The Tagores. L-14 Animal figure study
15	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit-3: JAVA (Continued) REVISION FOR EXAMS.
16	APPLIED MATHS	Unit8 Probability

MONTH : DECEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Pre Board Examination and Revision
2.	MATHS	Pre Board Examination and Revision
3.	CHEMISTRY	Pre Board Examination and Revision
4.	PHYSICS	Unit – VIII Atoms And Nuclei
5.	BIOLOGY	Ch.16: Environmental Issues Pre Board Examination and Revision
6.	HISTORY	Pre Board Examination and Revision
7.	ECONOMICS	Pre Board Examination and Revision
8.	POLITICAL SCIENCE	Pre Board Examination and Revision
9.	ACCOUNTANCY	Pre Board Examination and Revision
10.	BUSINESS STUDIES	Pre Board Examination and Revision
11.	PSYCHOLOGY	Pre Board Examination and Revision
12.	PHYSICAL EDUCATION	Pre Board Examination and Revision
13.	COMPUTER SCIENCE	Pre Board Examination and Revision
14.	APPLIED ART	Pre Board Examination and Revision
15.	INFORMATION TECHNOLOGY	Pre Board Examination and Revision
16.	APPLIED MATHS	Pre Board Examination and Revision

MONTH : JANUARY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Pre Board Examination and Revision

2.	MATHS	Pre Board Examination and Revision
3.	CHEMISTRY	Pre Board Examination and Revision
4.	PHYSICS	Pre Board Examination and Revision
5.	BIOLOGY	Pre Board Examination and Revision
6.	HISTORY	Pre Board Examination and Revision
7.	ECONOMICS	Pre Board Examination and Revision
8.	POLITICAL SCIENCE	Pre Board Examination and Revision
9.	ACCOUNTANCY	Pre Board Examination and Revision
10.	BUSINESS STUDIES	Pre Board Examination and Revision
11.	PSYCHOLOGY	Pre Board Examination and Revision
12.	PHYSICAL EDUCATION	Pre Board Examination and Revision
13.	COMPUTER SCIENCE	Pre Board Examination and Revision
14.	APPLIED ART	Pre Board Examination and Revision
15.	INFORMATION TECHNOLOGY	Pre Board Examination and Revision
16.	APPLIED MATHS	Pre Board Examination and Revision