

**SYLLABUS FOR THE YEAR 2020-2021**

**MONTH : APRIL**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>FIRST FLIGHT (MAIN TEXT)</b> L1: A Letter to God P1: Dust of Snow P2: Fire and Ice L2: Nelson Mandela : Long Walk to Freedom <b>GRAMMAR</b> : Tenses, Subject - Verb concord <b>WRITING SKILLS</b> : Poster Making, Letter to Editor <b>FOOTPRINTS WITHOUT FEET (S. Reader)</b> L1: A Triumph of Surgery L2: The Thief's Story <b>Reading Comprehension Practice -1 (Worksheet)</b>
2.	MATHS	Chapter – 1: Real Numbers Chapter- 2: Polynomial
3.	PHYSICS	Chapter 12: Electricity PRACTICAL: To verify Ohm's Law
4.	CHEMISTRY	L-1 Chemical Reactions and Equations Practical: Types of Chemical Reactions
5.	BIOLOGY	<b>Ch-6: Life Processes.</b> <b>Practical: Preparing a temporary mount of a leaf peel to show stomata.</b>
6.	HISTORY	Chapter-3 Nationalism in India
7.	POLITICAL SCIENCE	Chapter-1 Power Sharing Chapter -2 Federalism
8.	GEOGRAPHY	Chapter 1-Resources and Development Chapter-2 Forest and Wildlife (To be assessed only in periodic tests)
9.	ECONOMICS	Chapter 1-Development
10.	ARTIFICIAL INTELLIGENCE	Chapter 1- Introduction to Artificial Intelligence
11.	INFORMATION TECHNOLOGY	PART B Unit 1 : Web Application(Basic)
12.	HINDI	स्पर्श-पाठ-बड़े भाई साहब, कविता-पद-मीरा व्याकरण-समास, रचना के आधार पर वाक्य रूपांतरण, अनुच्छेद लेखन, मुहावरे

13.	SANSKRIT	<p>पाठ -६ सुभाषितानि  पाठ -१० अन्योक्तयः (न परीक्षाकृते )  व्यञ्जन सन्धि - तुकागम, मोऽनुस्वार, वर्गीयप्रथमाक्षर का तृतीयवर्ण में परिवर्तन, प्रथमवर्ण का पञ्चमवर्ण में परिवर्तन।  विसर्ग सन्धि - विसर्गस्य उत्त्वं, रत्त्वं, सत्त्वं, विसर्गलोप वाच्यपरिवर्तन, अपठित अनुच्छेद, संस्कृत अनुवाद</p>
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MONTH : MAY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>FIRST FLIGHT (MAIN TEXT)</b> P3: A Tiger in the Zoo P4: How to Tell Wild Animals L3: Two stories about Flying <b>GRAMMAR</b> : Determiners, Conjunctions <b>WRITING SKILLS</b> : Letter of inquiry, Letter placing order <b>FOOTPRINTS WITHOUT FEET (S. Reader)</b> L3: The Midnight Visitor <b>Reading Comprehension Practice -2 (Worksheet)</b>
2.	MATHS	Chapter – 3: Pair of Linear Equations in Two Variables Chapter – 4: Quadratic Equations
3.	PHYSICS	Chapter 12: Electricity PRACTICAL: To verify Ohm’s Law
4.	CHEMISTRY	Lesson-1 Chemical Reactions and Equations Lesson-2 Acids, Bases and Salts PRACTICAL: Types of Chemical Reactions
5.	BIOLOGY	Chapter-7: Control and Coordination Practical: Experimentally show that carbon dioxide is given out during respiration.
6.	HISTORY	Chapter-3 Nationalism in India (Cont..)
7.	POLITICAL SCIENCE	Chapter 3- Democracy and Diversity (To be assessed only in periodic tests) Chapter-5 Popular Struggles and Movements (To be assessed only in periodic tests)
8.	GEOGRAPHY	Chapter 3-Water Resources (To be assessed only in periodic tests)

9.	ECONOMICS	Chapter 2-Sectors of the Indian Economy Chapter 5- Consumer Rights ( To be done as project work)
10.	ARTIFICIAL INTELLIGENCE	Chapter 2- Understanding AI Project Cycle
11.	INFORMATION TECHNOLOGY	Unit 2: Word Processing ( Intermediate) Unit 3: Spreadsheet (Intermediate)
12.	HINDI	स्पर्श-पाठ-डायरी का एक पन्ना ,कविता- साखी(कबीरदास) संचयन-पाठ -हरिहर काका व्याकरण-समास, पदबंध, सूचना लेखन, अलंकार, अपठित गद्यांश,पत्र लेखन-औपचारिक पत्र
13.	SANSKRIT	पाठ -२ बुद्धिर्बलवती सदा पाठ -३ व्यायामः सर्वदा पथ्यः समयलेखन प्रत्यय- मतुप्, ठक्, त्व, तल् शब्दरूप- भगवत्, जगत्, नदी पत्र (औपचारिक / अनौपचारिक ) चित्रवर्णन

**MONTH : JULY**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>FIRST FLIGHT (MAIN TEXT)</b> L4: From the Diary of Anne Frank P5: The Ball Poem L5: The Hundred Dresses –I L6: The Hundred Dresses –II <b>GRAMMAR</b> : Reported Speech (Commands and requests, statements & Questions) <b>WRITING SKILLS</b> : Analytical Paragraph writing, <b>FOOTPRINTS WITHOUT FEET (S. Reader)</b> L4: A Question of Trust L5: Footprints without Feet <b>Reading Comprehension Practice -3 (Worksheet)</b>

2.	MATHS	Chapter – 6: Triangles Chapter – 7: Co-ordinate Geometry Chapter – 8 : Introduction to Trigonometry
3.	PHYSICS	Chapter 13: Magnetic Effect of Current PRACTICAL: Series and Parallel combination of resistors
4.	CHEMISTRY	Lesson-2 Acids, Bases and Salts Lesson-3 Metals and Non Metals PRACTICAL: Properties of Acids And Bases and pH of Samples
5.	BIOLOGY	Chapter-15: Our Environment. Chapter-8: How do organisms reproduce? PRACTICAL: Experimentally show that carbon dioxide is given out during respiration.(contd...)
6.	HISTORY	Chapter-5 The Age of Industrialization
7.	POLITICAL SCIENCE	Chapter -4-Gender, Religion and Caste
8.	GEOGRAPHY	Chapter 4-Agriculture
9.	ECONOMICS	Chapter-3 Money and Credit
10.	ARTIFICIAL INTELLIGENCE	Chapter-3 Advance Python Chapter-4 Data Science
11.	INFORMATION TECHNOLOGY	Unit 4 : Digital Presentation (Intermediate)
12.	HINDI	स्पर्श-पाठ-तताँरा वामीरो कथा,कविता-पर्वत प्रदेश में पावस, कविता-तोप व्याकरण-समास,विज्ञापन लेखन व निर्माण, लघु कथा
13.	SANSKRIT	पाठ -४ शिशुलालनम् पाठ -५ जननीतुल्यवत्सला समास - तत्पुरुष (विभक्ति), द्वन्द्व अपठित अनुच्छेद, चित्रवर्णन / अनुच्छेदलेखन

**MONTH : AUGUST**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>FIRST FLIGHT (MAIN TEXT)</b> P6: Amanda P7: Animals

		<p>L7: Glimpses of India.(A Baker from Goa; Coorg; Tea from Assam)</p> <p><b>GRAMMAR</b> : Modals, Prepositions</p> <p><b>WRITING SKILLS</b> : Complaint Letter, Practice Writing Skills</p> <p><b>FOOTPRINTS WITHOUT FEET (S. Reader)</b></p> <p>L6: The Making of a Scientist</p> <p>L7: The Necklace</p> <p><b>Comprehension Practice - 4 (Worksheet)</b></p> <p><b>ASL - Assessment</b></p>
2.	MATHS	<p>Chapter– 9: Some applications of Trigonometry</p> <p>Chapter – 10: Circles</p>
3.	PHYSICS	<p>Chapter 14: Sources of Energy</p> <p>PRACTICAL: Series and Parallel combination of resistors</p>
4.	CHEMISTRY	<p>Lesson -3 Metals and Non Metals</p> <p>PRACTICAL: Reactivity of Metals</p>
5.	BIOLOGY	<p>Chapter-8: How do organisms reproduce? (continued)</p> <p>Chapter-16: Sustainable Management of Natural Resources.</p> <p>PRACTICAL: Studying (a) binary fission in <i>Amoeba</i> and (b) budding in yeast and Hydra with the help of prepared slides.</p>
6.	HISTORY	Chapter -1 The Rise of Nationalism in Europe
7.	POLITICAL SCIENCE	Chapter -6 Political Parties
8.	GEOGRAPHY	Chapter 5-Minerals and Energy Resources
9.	ECONOMICS	Revision
10.	ARTIFICIAL INTELLIGENCE	<p>Chapter 5- Computer Vision</p> <p>Chapter 6- Natural Language Processing</p>
11.	INFORMATION TECHNOLOGY	<p>Unit 5 : E-Mail Messaging (Intermediate)</p> <p>Unit 6: Database Development(Basics)</p>
12.	HINDI	<p>स्पर्श-पाठ-अब कहाँ दूसरों के दुख से दुखी होने वाले, कविता-दोहे (बिहारी)</p> <p>संचयन-पाठ-सपनों के से दिन</p>

		व्याकरण-रचना के आधार पर वाक्य रूपांतरण, पदबंध, समास
13.	SANSKRIT	पाठ -१ शुचिपर्यावरणम् पाठ -१२ भूकम्पविभीषिका (न परीक्षाकृते) अशुद्धि संशोधन, अव्यय, पत्र (औपचारिक/अनौपचारिक) संस्कृत अनुवाद

**MONTH: SEPTEMBER – REVISION & HALF YEARLY EXAMINATION**

**MONTH : OCTOBER**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>FIRST FLIGHT (MAIN TEXT)</b> L8: Mijbil the Otter P8: Trees P9:Fog P10: The Tale of Custard Dragon P11: For Anne Gregory L9: Madam Rides the Bus <b>GRAMMAR</b> Clauses (Simple, Compound and Complex Sentences) <b>WRITING SKILLS</b> Analytical Paragraph Writing <b>FOOTPRINTS WITHOUT FEET (S. Reader)</b> L8: The Hack Driver L9: Bholi
2.	MATHS	Chapter – 5: Arithmetic Progression Chapter – 11: Constructions Chapter – 12: Area Related to Circles
3.	PHYSICS	Chapter:10 Light: Reflection and Refraction PRACTICAL : Focal length of concave mirror and convex lens, Refraction through a glass slab
4.	CHEMISTRY	Lesson-4 Carbon and Its Compounds PRACTICAL : Properties of Acetic Acid

5.	BIOLOGY	Chapter-16: Sustainable Management of Natural Resources. (continued) PRACTICAL : Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).
6.	HISTORY	Chapter 7 Print Culture and the Modern World:
7.	POLITICAL SCIENCE	Chapter 7 Outcomes of Democracy
8.	GEOGRAPHY	Chapter 6-Manufacturing Industries
9.	ECONOMICS	Chapter 4 Globalization and the Indian Economy
10.	ARTIFICIAL INTELLIGENCE	Employability Skills Unit 1: Communication Skills-II Unit 2: Self-Management Skills-II Unit 3: Basic ICT Skills-II
11.	INFORMATION TECHNOLOGY	Employability Skills Unit 1: Communication Skills-II Unit 2: Self-Management Skills-II Unit 3: Basic ICT Skills-II
12.	HINDI	स्पर्श-पाठ-पतझर में टूटी पत्तियाँ, कविता-मनुष्यता, कर चले हम फ़िदा व्याकरण-समास, रचना के आधार पर वाक्य रूपांतरण, लघु कथा, विज्ञापन लेखन व निर्माण, मुहावरे
13.	SANSKRIT	पाठ -७ सौहार्द प्रकृतेः शोभा पाठ -८ विचित्रः साक्षी समास-बहुव्रीहि, अव्ययीभाव (अनु, उप, सह, निर्, प्रति, यथा) पत्र (औपचारिक / अनौपचारिक), संस्कृत अनुवाद

MONTH : NOVEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>FIRST FLIGHT (MAIN TEXT)</b> L10: The Sermon at Benares L11: The Proposal <b>GRAMMAR</b> : Passive Voice <b>WRITING SKILLS</b> : Practice Writing Skills

		<b>FOOTPRINTS WITHOUT FEET (S. Reader)</b> L10: The Book That Saved the Earth <b>Reading Comprehension Practice - 5 (Worksheet)</b>
2.	MATHS	Chapter – 13: Surface Area and Volume Chapter – 14 Statistics Chapter – 15: Probability
3.	PHYSICS	Chapter:11 Human Eye & Colourful World PRACTICAL: Refraction through a glass slab and through a glass prism
4.	CHEMISTRY	L-5 Periodic Classification of Elements PRACTICAL: Foaming Capacity of Soap In Hard and Soft Water
5.	BIOLOGY	Ch-9: Heredity and Evolution. PRACTICAL : Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean). (contd..)
6.	HISTORY	Revision
7.	POLITICAL SCIENCE	Chapter -8-Challenges to Democracy
8.	GEOGRAPHY	Chapter 7-Lifelines of National Economy
9.	ECONOMICS	Chapter 4 Globalization and the Indian Economy (Cont....)
10.	ARTIFICIAL INTELLIGENCE	Chapter-7 Evaluation Employability Skills Unit 4: Entrepreneurial Skills- II Unit 5: Green Skills-II
11.	INFORMATION TECHNOLOGY	Employability Skills Unit 4: Entrepreneurial Skills- II Unit 5: Green Skills-II
12.	HINDI	स्पर्श-पाठ-कारतूस, कविता-आत्मत्राण संचयन-पाठ-टोपी शुक्ला व्याकरण-पत्र लेखन -औपचारिक पत्र, सूचना लेखन, अपठित गद्यांश, अनुच्छेद लेखन



13.	SANSKRIT	पाठ -९ सूक्तयः पाठ -१० प्राणेभ्योऽपि प्रियः सुहृत् प्रत्यय- टाप्, डीप् अपठित अनुच्छेद, चित्रवर्णन / अनुच्छेदलेखन
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MONTH : DECEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>FIRST FLIGHT (MAIN TEXT) &amp; FOOTPRINTS WITHOUT FEET (S. Reader)</b> Revision (Written) <b>GRAMMAR</b> : Revision --Integrated Grammar Practice <b>WRITING SKILLS</b> : Revision (Written) <b>ASL - Assessment</b> <b>Pre - Board -1</b>
2.	MATHS	Revision & Pre board - 1 Examination
3.	PHYSICS	Revision & Pre board - 1 Examination
4.	CHEMISTRY	Revision & Pre board - 1 Examination
5.	BIOLOGY	Revision & Pre board - 1 Examination
6.	HISTORY	Revision & Pre board - 1 Examination
7.	POLITICAL SCIENCE	Revision & Pre board - 1 Examination
8.	GEOGRAPHY	Revision & Pre board - 1 Examination
9.	ECONOMICS	Revision & Pre board - 1 Examination
10.	ARTIFICIAL INTELLIGENCE	Revision & Pre board - 1 Examination
11.	INFORMATION TECHNOLOGY	Revision & Pre-Board-I Examination
12.	HINDI	पुनरावृत्ति प्री बोर्ड परीक्षा -1
13.	SANSKRIT	समस्त पाठ्यक्रम - पुनरभ्यास <b>PRE-BOARD EXAM – I EXAMINATION</b>

MONTH : JANUARY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	Revision and Pre- Board - 2 Examination
2.	MATHS	Revision and Pre- Board - 2 Examination
3.	PHYSICS	Revision and Pre- Board - 2 Examination
4.	CHEMISTRY	Revision and Pre- Board - 2 Examination
5.	BIOLOGY	Revision and Pre- Board - 2 Examination
6.	HISTORY	Revision and Pre- Board - 2 Examination
7.	POLITICAL SCIENCE	Revision and Pre- Board - 2 Examination
8.	GEOGRAPHY	Revision and Pre- Board - 2 Examination
9.	ECONOMICS	Revision and Pre- Board - 2 Examination
10.	ARTIFICIAL INTELLIGENCE	Revision and Pre- Board - 2 Examination
11.	INFORMATION TECHNOLOGY	Revision and Pre- Board - 2 Examination
12.	HINDI	पुनरावृत्ति प्री बोर्ड परीक्षा -2
13.	SANSKRIT	Revision and Pre- Board - 2 Examination

MONTH: FEBRUARY & MARCH – PREPARATORY LEAVE & FINAL EXAMINATION