



CLASS X

SESSION 2021-22

REVISED SYLLABUS FOR PERIODIC TEST - 2

SUBJECT	SYLLABUS
ENGLISH	<p>LITERATURE</p> <p>FIRST FLIGHT</p> <ol style="list-style-type: none">1. A Letter to God2. Nelson Mandela3. Two Stories About Flying4. From the Diary of Anne Frank5. The Hundred Dresses 16. The Hundred Dresses 2 <p>POEMS</p> <ol style="list-style-type: none">1. Dust of Snow2. Fire and Ice3. A Tiger in the Zoo4. The Ball Poem <p>FOOTPRINTS WITHOUT FEET</p> <ol style="list-style-type: none">1. A Triumph of Surgery2. The Thief's Story3. Footprints Without Feet <p>WRITING SKILL</p> <p>Letter to the Editor Letter of Complaint</p> <p>INTEGRATED GRAMMAR TOPICS</p> <p>Editing Omission Gap Filling Reported Speech</p>
HINDI	<p>अपठित गद्यांश (दो)</p> <p>व्याकरण</p> <p>पदबंध रचना के आधार पर वाक्य रूपांतरण समास मुहावरे</p> <p>पाठ्यपुस्तक स्पर्श भाग- २</p> <p>गद्य</p> <p>बड़े भाई साहब ततारा वामीरो कथा अब कहाँ दूसरे के दुख से दुखी होने वाले</p> <p>पद्य</p> <p>कबीर की साखी मीरा के पद</p>

MATHS	<p>Real Numbers</p> <ul style="list-style-type: none"> • Fundamental Theorem of Arithmetic • HCF/LCM • Irrational Numbers • Rational numbers <p>Polynomials</p> <ul style="list-style-type: none"> • Geometric meaning of zeroes of a polynomial • Relationship between zeroes and coefficients of a polynomial <p>Pair of linear equations in two variables</p> <ul style="list-style-type: none"> • Graphical solutions of a pair of linear equations • Algebraic methods of solving linear equations • Substitution method • Elimination method • Word problems <p>Coordinate Geometry</p> <ul style="list-style-type: none"> • Distance Formula • Section Formula • Mid point formula <p>Similar triangles</p> <ul style="list-style-type: none"> • Basic Proportionality theorem • Similarity Criteria:AAA., SAS, SSS • Relation between areas of Similar Triangles • Pythagoras Theorem and its converse <p>Introduction to trigonometry(Exercise :8.1, 8.2,8.4)</p> <ul style="list-style-type: none"> • Six Trigonometric ratios and their applications • Trigonometric Ratios of some specific angles • Trigonometric Identities <p>Probability</p> <ul style="list-style-type: none"> • Event and Outcomes • Sure and Impossible events • Sum of probabilities of Elementary events • Calculating Probability of an event <p>Areas Related to a Circles</p> <ul style="list-style-type: none"> • Perimeter and Area of a Circle • Areas of Sector and Segment of a Circle • Areas of combinations of Plane Figures
SCIENCE	<p><u>PHYSICS</u> Light-Reflection and Refraction (Complete chapter) The Human Eye and the Colourful World</p> <ul style="list-style-type: none"> • 11.3 Refraction of Light through a Prism. • 11.4 Dispersion of White Light By A Glass Prism • 11.5 Atmospheric Refraction • 11.6 Scattering of Light. <p><u>CHEMISTRY</u> Chapter1: Chemical reactions and Equations (complete chapter) Chapter2: Acid,bases and Salts (complete chapter) Chapter3: Metals and Non-metals (chemical properties of metals and non metals, Ionic bonding (complete chapter except Extraction of metals)</p> <p><u>BIOLOGY</u> Life Processes (Complete chapter)</p>

SOCIAL SCIENCE	<p><u>ECONOMICS</u></p> <ul style="list-style-type: none"> • Development • Sectors of the Indian Economy <p><u>HISTORY</u></p> <ul style="list-style-type: none"> • The rise of Nationalism in Europe. <p><u>POL SCIENCE</u></p> <ul style="list-style-type: none"> • Power Sharing • Federalism <p><u>GEOGRAPHY</u></p> <ul style="list-style-type: none"> • Resource and Development • Agriculture • Map items - Major Soil Types of India (for identification only) <ul style="list-style-type: none"> - Major crops grown in India (Rice, Wheat, Sugarcane, Tea, Coffee, Rubber, Cotton, Jute - for identification only) - Major Dams (Salal, Bhakra Nangal, Tehri, Rana Pratap Sagar, Sardar Sarovar, Hirakud, Nagarjuna Sagar, Tungabhadra - for identification only)
GERMAN	<p><u>GERMAN</u></p> <ul style="list-style-type: none"> • Lektion 6- Magst du grüne Bohnen • Lektion 7 - Die App, die den Dieb findet • Writing skills (filling the gaps) • Grammar- präpositionen, adjektivendungen,Präteritum, W Frage mit ob • Seen and unseen passages
FRENCH	<p><u>SECTION A</u> Comprehension/ Reading</p> <ul style="list-style-type: none"> • Unseen passage(s) <p><u>SECTION B</u> Writing skills</p> <ul style="list-style-type: none"> • Completing the text / message <p><u>SECTION C</u> Grammar</p> <ul style="list-style-type: none"> • Tenses (présent, impératif, passé composé, imparfait, futur proche, futur simple, passé récent, futur antérieur) • Composed relative pronoun • Personal pronouns with y and en • Negation <p><u>SECTION D</u> Culture and Civilisation</p> <ul style="list-style-type: none"> • Lessons 1-3
SANSKRIT	<p>पाठ्यपुस्तिका -शेमुषी</p> <p>पाठ - शुचिपर्यावरणम् पाठ - बुद्धिर्बलवती सदा पाठ - शिशुलालनम् पाठ - जननी तुल्यवत्सला</p> <ul style="list-style-type: none"> • व्याकरण <p>सन्धि (व्यञ्जन , विसर्ग) समास - (तत्पुरुष , द्वन्द्व , अव्ययीभाव) प्रत्ययाः - (मत्तुप् , त्व , टाप्) वाच्य समय अव्यय अशुद्धिसंशोधनम्</p> <p>लेखन कौशल</p> <p>संस्कृतानुवाद</p>

HOME SCIENCE	Unit I : Human Growth and Development II a. Play (birth-5 years) b.Childhood (3years onwards) c.Adolescents Unit II : Management of Resources : Time and Energy Unit III : Food & Personal Hygiene
PAINTING	THEORY- UNIT- I: Fundamentals of Visual Arts a. Elements of art b. Principles of art UNIT-II: Methods and Materials of Painting Understanding and appropriate use of: a. Tools b. Painting Materials - Poster Colours, Water Colours, Oil Pastels and Pencils PRACTICAL: PAINTING-COMPOSITION
COMPUTER APPLICATIONS	Chapter - 3 HTML-I (Complete Chapter) Chapter - 4 HTML-II <ul style="list-style-type: none"> • Inserting Images • Forms Chapter - 6 Cyber Ethics
ARTIFICIAL INTELLIGENCE	CHAPTER -1 Introduction to AI CHAPTER -2 AI Project Cycle Employability Skills:- <ul style="list-style-type: none"> • Communication Skills - II • Self-Management Skills- II • ICT Skills - II