

SUBJECT	EXAM TYPE	SYLLABUS
English Language & Literature	Half Yearly	<p style="text-align: center;">Reading</p> <p>Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:</p> <ol style="list-style-type: none"> 1. Discursive passage (400-450 words) 2. Case based Factual passage (with visual input/ statistical data/ chart etc. 300-350 words) <p style="text-align: center;">WRITING SKILL</p> <ol style="list-style-type: none"> 1. Formal letter based on a given situation. <ol style="list-style-type: none"> 1. Letter to the Editor 2. Letter of Complaint (Official) 3. Letter of Complaint (Business) <p style="text-align: center;">GRAMMAR</p> <ol style="list-style-type: none"> 1. Tenses 2. Modals 3. Subject-Verb Concord 4. Determiners 5. Reported Speech 6. Commands and Requests 7. Statements 8. Questions <p style="text-align: center;">Literature</p> <p style="text-align: center;">FIRST FLIGHT</p> <ol style="list-style-type: none"> 1. A Letter to God 2. Nelson Mandela 3. Two Stories About Flying 4. From the Diary of Anne Frank 5. The Hundred Dresses 1 6. The Hundred Dresses 2 <p style="text-align: center;">Poems</p> <ol style="list-style-type: none"> 1. Dust of Snow 2. Fire and Ice 3. A Tiger in the Zoo 4. The Ball Poem <p style="text-align: center;">FOOTPRINTS WITHOUT FEET</p> <ol style="list-style-type: none"> 1. A Triumph of Surgery 2. The Thief's Story 3. Footprints Without Feet

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Hindi	Half Yearly	<ul style="list-style-type: none"> • Apathit Gadyansh • Apathit Kavyansh • <u>Vyakaran</u> <ul style="list-style-type: none"> • Rachna ke aadhar par vakya bhed <ul style="list-style-type: none"> • Vachya • Pad Parichay • Ras • <u>Kavya – khand</u> <ul style="list-style-type: none"> • Surdas <ul style="list-style-type: none"> • Ram – Lakshman Parshuram samvad • <u>Gadya – khand</u> <ul style="list-style-type: none"> • <u>Netaji ka chashma</u> • Balgobin Bhagat
BENGALI	Half Yearly	<p>READING : Unseen Passage(Comprehension)</p> <p>GRAMMAR :</p> <ol style="list-style-type: none"> 1.Sandhi (Byanjon) 2.Sadhu o Cholit Reeti <p>LITERATURE :</p> <p>Prose:</p> <ol style="list-style-type: none"> 1.Gyanchakshu – Aashapura Devi 2.Aalo Babu – Banaphul <p>Poetry:</p> <ol style="list-style-type: none"> 1.Tin Paharer Kole – Shakti Chattopadhyay <p>Supplementary Reader:</p> <p>Raj Kahini – Abanindranath Tagore</p> <ol style="list-style-type: none"> 1.Shiladitya
MATHEMATICS	Half Yearly	<ol style="list-style-type: none"> 1. REAL NUMBERS (EUCLID'S DIVISION LEMMA EXCLUDED, EX 1.3 EXCLUDED) 2. POLYNOMIALS 3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES (CROSS-MULTIPLICATION METHOD EXCLUDED) 4. COORDINATE GEOMETRY (EX 7.3 EXCLUDED) 5. TRIANGLES (EX 6.4 AND EX 6.5 EXCLUDED) 6. INTRODUCTION TO TRIGONOMETRY 7. PROBABILITY
Science	Half Yearly	<ul style="list-style-type: none"> • Physics: Chapter 10 Light Finish refraction through spherical lenses page 177 &

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		<p>Power on page183</p> <p>Practical:</p> <ol style="list-style-type: none"> 1. Determination of the focal length of (i) Concave mirror and (ii) Convex lens by obtaining the image of a distant object. 2. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle incidence, angle of refraction, angle of emergence and interpret the result. <ul style="list-style-type: none"> • Chemistry :Chapter -1 Chemical reactions and equations Chapter – 2 Acids, Bases and Salts Chapter – 3 Metals and non – metals <p>Metals and nonmetals: Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds.Practical:</p> <ol style="list-style-type: none"> A. Finding the pH of the following samples by using pH paper/universal indicator: <ol style="list-style-type: none"> i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: <ol style="list-style-type: none"> a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate 2.Performing and observing the following reactions and classifying them into: <ol style="list-style-type: none"> A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction <ol style="list-style-type: none"> (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper

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		<p>sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions.</p> <p>3. A. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: (i) ZnSO₄(aq) (ii) FeSO₄(aq) (iii) CuSO₄(aq) (iv) Al₂(SO₄)₃(aq) B. Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</p> <ul style="list-style-type: none"> • Biology: Chapter 6 Practical:1. Experimentally show that carbon dioxide is given out during respiration.
Social Science	Half Yearly	<ul style="list-style-type: none"> • History – Chap 1 Nationalism in Europe • Geography – Chap 1 Resources and Development Chap 3 Water Resources (Only Map) Chap 4 Agriculture • Political Science- Chap 1 Power Sharing Chap 2 Federalism • Economics –Chap 1 Development Chap 2 Sectors of Indian Economy
Information Technology	Half Yearly	<ul style="list-style-type: none"> • PART A UNIT 1- COMMUNICATION SKILLS- ALL SESSIONS • PART B UNIT 1 – DIGITAL DOCUMENTATION UNIT 3 – DATABASE MANAGEMENT SYSTEM