

SUBJECT	EXAM TYPE	SYLLABUS
<p>ENGLISH LANGUAGE AND LITERATURE</p>	<p>HALF YEARLY EXAM</p>	<p>Comprehension</p> <p>Grammar :</p> <ol style="list-style-type: none"> 1. Tenses 2. Modals 3. Subject-verb concord <p>Writing Skill :</p> <ul style="list-style-type: none"> • Formal Letter (based on a given situation); Analytical paragraph <p>Literature : First Fligh : Prose :</p> <ol style="list-style-type: none"> 1. A Letter to God 2. Nelson Mandela: Long Walk to Freedom 3. Two Stories About Flying 4. From the Diary of Anne Frank 5. The Hundred Dresses – I & II <p>Poem :</p>

1. **Dust of Snow**
2. **Fire and Ice**
3. **A Tiger in the Zoo**
4. **The Ball Poem**
5. **Amanda**
6. **Animals**

Footprints :

1. **A Triumph of Surgery**
2. **The Thief's Story**
3. **Footprints Without Feet**
4. **The Making of a Scientist**

<p style="text-align: center;">HINDI</p>	<p style="text-align: center;">HALF YEARLY EXAM</p>	<ul style="list-style-type: none"> • अपठित गद्यांश और काव्यांश • काव्य-खंड <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1) सूरदास के पद</td> <td style="width: 50%;">2) उत्साह</td> </tr> <tr> <td>3) अट नहीं रही है</td> <td>4) कन्यादान</td> </tr> </table> • गद्य-खंड <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1) नेताजी का चश्मा</td> <td style="width: 50%;">2) बालगोबिन भगत</td> </tr> <tr> <td>3) लखनवी अंदाज</td> <td></td> </tr> </table> • कृतिका माता का आँचल • व्याकरण <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%; text-align: right;">लेखन</td> </tr> <tr> <td>1) वाक्य , उपवाक्या</td> <td style="text-align: right;">1) अनुच्छेद लेखन</td> </tr> <tr> <td>2) वाच्य.</td> <td style="text-align: right;">2) पत्र लेखन</td> </tr> <tr> <td>3) पद - परिचया</td> <td style="text-align: right;">3) विज्ञापन लेखन</td> </tr> <tr> <td>4) रस</td> <td style="text-align: right;">4) संदेश लेखन</td> </tr> </table> 	1) सूरदास के पद	2) उत्साह	3) अट नहीं रही है	4) कन्यादान	1) नेताजी का चश्मा	2) बालगोबिन भगत	3) लखनवी अंदाज			लेखन	1) वाक्य , उपवाक्या	1) अनुच्छेद लेखन	2) वाच्य.	2) पत्र लेखन	3) पद - परिचया	3) विज्ञापन लेखन	4) रस	4) संदेश लेखन
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<p style="text-align: center;">BENGALI</p>	<p style="text-align: center;">HALF YEARLY EXAM</p>	<p style="text-align: center;">Prose :</p> <p style="text-align: center;">Gyanchaksu, Aalobabu Poetry :</p> <p style="text-align: center;">Tin Paharer Kole, Aye aro bendhe bendhe thaki</p> <p style="text-align: center;">Grammar :</p> <p style="text-align: center;">Byanjan sandhi, Bakya pribartan (saral, jougik, jotil), Sadhu-Cholit RR-Shiladitya</p>																		

		Writing skill :	
		Comprehension, Personal letter, Paragraph Writing	
MATHEMATICS	HALF YEARLY EXAM	CHAPTER	EXERCISES (NCERT) FOR EXAMINATION
		1. REAL NUMBERS	EX 1.2, EX 1.3, EX 1.4
		2. POLYNOMIALS	ALL EXERCISES
		3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	ALL EXERCISES
		4. QUADRATIC EQUATIONS	ALL EXERCISES
		5. ARITHMETIC PROGRESSION	ALL EXERCISES
		6. TRIANGLES	EX 6.1, EX 6.2, EX 6.3
		7. COORDINATE GEOMETRY	EX 7.1, EX 7.2

		8. INTRODUCTION TO TRIGONOMETRY	EX 8.1, EX 8.2, EX 8.4
		11. CONSTRUCTIONS	EX 11.1 (Q1), EX 11.2
		13. SURFACE AREAS AND VOLUME	EX 13.1, EX 13.2, EX 13.3
		14. STATISTICS	EX 14.1, EX 14.2, EX 14.3
		15. PROBABILITY	EX 15.1

SCIENCE

HALF YEARLY EXAM

PHYSICS

Chapter 12 : Electricity

Chapter 13 : Magnetic effect of current

**Chapter 10 : Light & Reflection till page 170
(Complete till mirrors)**

**Practical 1 : Studying dependence of V/I
finding resistance and plotting a graph of V
versus I**

**Practical 2 : Finding focal length of concave
and convex mirrors**

CHEMISTRY

Chapter 1 : Chemical Equations

Chapter 2 : Acids,bases and Salts

**Chapter 3 : Finish reaction of metals with water
art 3.2.2 Page 43**

Chapter 5 : Periodic Classification of elements

**Practical 1 : Action of acids and bases on blue
and red litmus, phenolphthalein and methyl
orange.**

Practical 2 : Observing different types of reactions.

Practical 3 : Studying reactivities of different metals with salt solutions.

BIOLOGY

Chapter 6 : Life Processes

Chapter 8 : Reproduction (Asexual)

Practical 1 : To show carbon dioxide is produced during respiration

Practical 2 : Binary fission in amoeba and budding of hydra/yeast

Practical 3 : Transpiration

Practical 4 : Starch test using Betadine

Internal Examination: Management of natural resources: Conservation and judicious use of natural resources. Forest and wild life; Coal and Petroleum conservation. Examples of people's participation for conservation of natural resources. Big dams: advantages and limitations; alternatives, if any. Water harvesting. Sustainability of natural resources.

Biology : Control and coordination

<p>SOCIAL SCIENCE</p>	<p>HALF YEARLY EXAM</p>	<p>HISTORY :</p> <p>CH 1 : NATIONALISM IN EUROPE</p> <p>GEOGRAPHY :</p> <p>CH 1 : RESOURCES AND DEVELOPMENT</p> <p>CH 3 : only map pointing</p> <p>CH 4 : AGRICULTURE</p> <p>POLITICAL SCIENCE</p> <p>CH 1 : POWER SHARING</p> <p>CH 2 : FEDERALISM</p> <p>ECONOMICS</p> <p>CH 1 : DEVELOPMENT</p> <p>CH 2 : SECTORS OF ECONOMY</p>
<p>INFORMATION TECHNOLOGY</p>	<p>HALF YEARLY EXAM</p>	<p>UNIT : WEB APPLICATION AND SECURITY (ALL SESSIONS)</p>