



**Bal Bharati**  
PUBLIC SCHOOL

**CLASS X**  
**SESSION 2022-23**  
**SYLLABUS FOR MOCK TEST**

**Note : The duration of the exam will be 45 minutes. The assessment will be for 20 marks with subjective type questions.**

SUBJECT	SYLLABUS
ENGLISH	<p><b>LITERATURE</b></p> <p><b>FIRST FLIGHT</b></p> <ul style="list-style-type: none"><li>• A Letter to God</li><li>• Nelson Mandela- Long Walk to Freedom</li></ul> <p><b>POEMS</b></p> <ul style="list-style-type: none"><li>• Dust of Snow</li><li>• Fire and Ice</li></ul> <p><b>INTEGRATED GRAMMAR TOPIC</b></p> <ul style="list-style-type: none"><li>• Editing</li><li>• Gap Filling</li></ul> <p><b>COMPREHENSION READING PASSAGE-1</b></p> <p><b>Reading= 7 Marks</b> <b>Grammar = 3 Marks</b> <b>Literature = 10 Marks</b></p>
HINDI	<p>स्पर्श भाग -2</p> <p>पद्य – खंड</p> <ul style="list-style-type: none"><li>• कबीर</li></ul> <p>गद्य— खंड</p> <ul style="list-style-type: none"><li>• बड़े भाई साहब</li></ul> <p>व्याकरण -</p> <ul style="list-style-type: none"><li>• मुहावरे ( केवल पठित पाठों से)</li></ul> <p>लेखन</p> <ul style="list-style-type: none"><li>• अनुच्छेद</li><li>• विज्ञापन</li></ul>
MATHS	<p><b><u>Linear Equations in two variables</u></b></p> <p><b>Subtopics :</b></p> <ul style="list-style-type: none"><li>• Graphical Representation of Linear Equations in two variables</li><li>• Conditions for Consistent or inconsistent systems</li><li>• Algebraic Methods- 1.Substitution method 2.Elimination by equating the coefficients</li><li>• Real life applications- word problems</li></ul> <p><b><u>Real Numbers</u></b></p> <p><b>Subtopics :</b></p> <ul style="list-style-type: none"><li>• HCF / LCM of 2 or more numbers</li><li>• Fundamental theorem of Arithmetic</li><li>• Proving irrationality of numbers</li></ul>

<b>SCIENCE</b>	<p><b><u>PHYSICS</u></b>  <b>Chapter: Light - Reflection &amp; Refraction</b>  <b>Subtopics:</b></p> <ul style="list-style-type: none"> <li>• Reflection of Light</li> <li>• Spherical mirrors</li> <li>• Image formation by Spherical mirrors</li> <li>• Representation of images formed by Spherical mirrors using ray diagrams (Only Concave mirror)</li> </ul> <p><b>CHEMISTRY Chapter: Chemical reactions and equations</b>  <b>Subtopics : Chemical Equations</b></p> <ul style="list-style-type: none"> <li>• Writing and Balancing of chemical equations</li> <li>• Making chemical equations more informative</li> </ul> <p><b><u>BIOLOGY</u></b>  <b>Chapter:Life processes</b>  <b>Subtopic:</b></p> <ul style="list-style-type: none"> <li>• What are life processes?</li> <li>• Nutrition</li> </ul>
<b>SOCIAL SCIENCE</b>	<p><b><u>ECONOMICS</u></b>  <b>TOPIC-Sectors of the Indian Economy</b>  <b>Sub-Topics:</b></p> <ul style="list-style-type: none"> <li>• Classification of the Indian Economy into different sectors</li> <li>• Meaning of Primary, Secondary and Tertiary sectors</li> <li>• Interdependence of Primary, Secondary and Tertiary sectors</li> <li>• Concept of GDP</li> <li>• Difference between intermediate and final goods</li> </ul> <p><b><u>HiSTORY</u></b>  <b><u>The rise of Nationalism in Europe</u></b></p> <ul style="list-style-type: none"> <li>• The French Revolution and the idea of the Nation</li> <li>• The making of Nationalism in Europe</li> </ul> <p>( Till page no 12 NCERT Textbook )</p> <p><b><u>GEOGRAPHY</u></b>  <b>RESOURCE AND DEVELOPMENT</b></p> <ul style="list-style-type: none"> <li>• Definition of Resource</li> <li>• Interrelationship between Nature, Technology and Institutions</li> <li>• Development of Resources</li> <li>• Resource Planning</li> <li>• Resource Planning in India</li> <li>• Conservation of Resources</li> </ul>
<b>GERMAN</b>	<p><b>SECTION A- Lese Text</b>  <b>SECTION B- WRITING SKILLS</b></p> <ul style="list-style-type: none"> <li>• E-mail schreiben</li> </ul> <p><b>SECTION C- PREPOSITIONS</b></p> <ul style="list-style-type: none"> <li>• Dativ und Akkusativ</li> </ul> <p><b>SECTION D- Magst du grüne Bohnen?</b></p>

<b>FRENCH</b>	<p><b>SECTION A</b> <b>La compréhension</b></p> <p><b>SECTION B</b> <b>Writing skills</b></p> <ul style="list-style-type: none"> <li>Rearranging of dialogues / Completing a story</li> </ul> <p><b>SECTION C</b> <b>Grammar</b></p> <ul style="list-style-type: none"> <li>Les verbes - présent, imparfait, passé composé, plus-que -parfait, futur simple, futur antérieur</li> <li>les pronoms personnels</li> <li>les pronoms relatifs simples et composés</li> <li>les pronoms possessifs et les adjectifs possessifs</li> </ul> <p><b>SECTION D</b> <b>La culture et la civilisation</b></p> <ul style="list-style-type: none"> <li>Leçon 2</li> </ul>
<b>SANSKRIT</b>	<p>पाठ्यपुस्तिका -शेमुषी</p> <ul style="list-style-type: none"> <li>पाठ - शुचिपर्यावरणम्</li> <li>पाठ - बुद्धिर्बलवती सदा</li> </ul> <p>लेखन कौशल</p> <ul style="list-style-type: none"> <li>अपठित गद्यांशः</li> <li>पत्रपूर्तिः</li> <li>संस्कृतेन अनुवादः</li> </ul> <p>व्याकरण</p> <ul style="list-style-type: none"> <li>अव्ययपदानि</li> <li>समयलेखनम्</li> </ul>
<b>HOME SCIENCE</b>	<p><b>Chapter 1- Play</b></p> <ul style="list-style-type: none"> <li>Role of play in growth and development of children</li> <li>Types of play</li> </ul>
<b>PAINTING</b>	<b>CHAPTER- 3 UNDERSTANDING AND APPROPRIATE USE OF TOOLS</b>
<b>COMPUTER APPLICATIONS</b>	<p><b>CHAPTER - 3 HTML-I</b></p> <ul style="list-style-type: none"> <li>Basic HTML tags</li> <li>Heading Tags</li> <li>Attributes of BODY tag</li> <li>P tag and align attribute</li> </ul>