

**ARMY PUBLIC SCHOOL BATHINDA MIL STN**  
**CLASS - X (Autumn Break Holiday Home-Work 2024-25)**

<b>MATHS</b>	Do Activity of Chapter-9 Applications to Trigonometry (Clinometer) on Practical Notebook from Lab Manual.
<b>ENGLISH</b>	<p>Make a *Pocket Dictionary* using *Vocabulary Words* from Chapters of First Flight.</p> <p>Steps to be followed:</p> <ol style="list-style-type: none"> <li>1. Find 25 difficult/ new words</li> <li>2. Write their meanings.</li> <li>3. Use them in sentences.</li> <li>4. Draw some related images.</li> <li>5. Use a diary or notebook for this work.</li> </ol> <p>*Revision: Revise all the Grammar and Writing Skills covered in class till date.</p>
<b>HINDI</b>	<p>प्रश्न 1. आपके मोहल्ले में बच्चों के खेलने के लिए किसी प्रकार की व्यवस्था नहीं है। नगर निगम के अध्यक्ष को लगभग 100 शब्दों में पत्र लिखकर बाल उद्यान (पार्क) बनवाने की प्रार्थना कीजिए।</p> <p>प्रश्न 2. आप अपने विद्यालय की संगीत अकादमी के सचिव अर्जुन श्रीवास्तव हैं। विद्यालय की ओर से होने वाली संगीत प्रतियोगिता की 60 शब्दों में एक सूचना तैयार कीजिए।</p> <p>प्रश्न 3. किसी नाट्य संस्था की ओर से आपके शहर में नाटक का मंचन होना है। इसका विज्ञापन लगभग 40 शब्दों में तैयार कीजिए।</p>
<b>S.ST.</b>	<p>-PROJECT ON BRETTON WOODS</p> <p>-ASSIGNMENT OF 30 MARKS TO BE COMPLETED ON FAIR NOTEBOOK FROM POLITICAL PARTIES AND NATIONALISM IN INDIA.</p>
<b>SCIENCE</b>	<ol style="list-style-type: none"> <li>1. Solve the Half Yearly Exam question paper in fair note book. (Solve Set B if the student got Set A in Exam or Vice versa)</li> <li>2. Write the following activities in your practical files: <ol style="list-style-type: none"> <li>(a) Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I (OHM's LAW)</li> <li>(b) Determination of the equivalent resistance of two resistors when connected in series and parallel.</li> <li>(c) Studying the properties of acids and bases (HCl &amp; NaOH) on the basis of their reaction with: <ol style="list-style-type: none"> <li>(i) Litmus solution (Blue/Red) (ii) Zinc metal (iii) Solid sodium carbonate</li> </ol> </li> <li>(d) Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.</li> </ol> </li> </ol>
<b>Marketing and Sales</b>	<p>Prepare A PPT on Hard Skills and Soft Skills.</p> <p>Complete Project File.</p>
<b>Physical Education</b>	<p>SUBJECT SPECIFIC SKILL</p> <p>LEARN QUESTIONS AND ANSWERS OF UNIT 2</p> <p>PAGE NO 164 TO 169</p>
<b>Artificial Intelligence</b>	<p>Complete the data analysis project as outlined in the provided PDF. The project involves analyzing a public health dataset from the World Health Organization (WHO). Students will learn how to clean, explore, and analyze the dataset to gain insights into health trends. Detailed instructions and requirements are included in the document.</p>
<b>Information Technology</b>	<ol style="list-style-type: none"> <li>1. Complete the Chapter wise assignments given in the class on the assignment notebook.</li> <li>2. Project work - Create a macro in LibreOffice Calc for automating repetitive task.</li> </ol>
<b>Texturing Artist</b>	<p>Complete a project on texturing and shading using Blender or Autodesk Maya. The project involves selecting a simple 3D model, applying various textures, experimenting with shading techniques, and setting up lighting to enhance the realism of the model. Students will then render the scene and prepare a short presentation explaining their process, including screenshots and a discussion of any challenges faced. Detailed instructions and requirements are provided in the project guidelines.</p>