



**ARMY PUBLIC SCHOOL BIRPUR**  
**WINTER VACATION HOLIDAY HOMEWORK**  
**CLASS- XI- A/B/C**  
**SESSION – 2025-26**

**CHEMISTRY:**

1. Make the Project file on the given topic.
2. Do NCERT exercise questions of the Unit- HYDROCARBONS.
3. Complete your Practical file.

**PHYSICS:**

1. Make the Project file on the given topic.
2. Do NCERT exercise questions of the Chapter Fluid Mechanics
3. Complete your Practical file.

**BIOLOGY:**

1. Make the Project file on the given topic.
2. Do NCERT questions of the Unit- Human Physiology in Biology notebook.
3. Complete your Practical file.

**MATHS:**

1. Complete all 10 activities in maths lab manual
2. Prepare formula sheet of all the chapters done in class so far
3. Do ten extra questions of i) Straight lines  
ii) Introduction to 3 Dimensional Geometry  
iii) conic section ( for topics covered so far in class )
- 4 Solve UT2 Questions paper in your classwork notebook

**INFORMATICS PRACTICES:**

1. Complete practical file of IP. Solve all practical questions of python programming and SQL queries in the practical file.

**ENGLISH:**

Instructions:

Prepare a project file on any one topic/chapter/lesson from your English textbook.

- Project Guidelines

Cover Page, Title of the topic, Student's Name, Class & Section, Roll Number, Subject, School Name, Session, Certificate, Acknowledgement & Bibliography

- A. 1. Brief introduction to the chosen topic/chapter

2. About the Author/Life sketch
3. Literary works
4. Writing style and contribution
5. Theme
6. Central idea/message of the lesson
7. What you learned from the lesson/Moral
8. Character Sketch: You may choose the character(s) you liked the most or who inspired and motivated you. Explain their qualities, role in the story, and the reason why you found them impressive.
9. Summary
10. Relevance in today's life

- The project file must be neatly handwritten and should be at least of 20 pages.

B. Answer the following question (100-120 words) in your Grammar Notebook.

“As the protagonist of the chapter ‘Birth’, write a diary entry expressing your feelings after successfully saving the new-born child. Reflect on the value of perseverance, professional responsibility, and the message the story conveys to society. Also explain why you think this message remains relevant even in today's world.”

### **PAINTING:**

Make 4 paintings in your Art file (total 18 including previous work)

- 1) one - landscapes
- 2) one -portrait
- 3) one -picture composition ( festival,mela ,market etc)
- 4) one – monochromatic painting (one colour)

Craft :- Make ONE decorative item craft (using paper machae /white cement /newspaper/any other material etc of your choice )

Eg:- (statue,fishes, peacock ,showpiece, turtle, swan , etc)

\*It should be presentable & can be displayed )

Note :- 25 marks of the craft will be included in your final practical exam

so it is mandatory to prepare it.

### **HINDI:**

- 1- आलो आँधारी पाठ का सारांश पृष्ठानुसार साहित्य पुस्तिका में लिखिए।
- 2 - निम्नलिखित विषयों पर निबंध लिखिए-

क यदि मैं विद्यालय का प्रधानाचार्य /प्रधानाचार्या होता/होती

ख फिल्म धुरंधर पर समीक्षा लिखिए।

3.निम्नलिखित विषयों पर पत्र लिखिए-

क विद्यालय में योग-शिक्षा का महत्त्व बताते हुए किसी समाचार-पत्र के सम्पादक को पत्र लिखिए।

ख हिंदुस्तान टाइम्स में उप-संपादक पद के लिए आवेदन पत्र लिखिए।

4.लगभग 50 हिंदी शब्दों को शब्दकोशानुसार लिखिए।

## **PSYCHOLOGY:**

Complete the notes of “Motivation and Emotion “

Prepare the list of all the theorists and their contributions from all the chapters

Find out bold and italic words and writes explanations of that word in 2-3 lines from chapters 2, 3, 4 and 6

## **MUSIC**

**1. Learn all the raags prescribed in your syllabus along with their notations.**

**2. Learn all taalas (as applicable) along with their notations.**