

**SACRED HEART SR. SEC. SCHOOL, B.R.S NAGAR, LUDHIANA**  
**HOLIDAYS HOMEWORK**  
**JUNE 2025**  
**CLASS: XI (SCIENCE)**

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**ENGLISH**

Project Work: 10 marks for Mid Term and Final Exams

Viva will be conducted from the same project for 5 marks

Project file to be prepared.

12- 15 pages in a spiral file

Title Page: Name of the School

Session :2025-26

English Core

Theme of the Project (**Theme to be taken from any of the chapters/poems from the curriculum of Text books: Hornbill & Snapshots**)

Name of the chapter

Name, Class & section, Roll no.

Name of the subject teacher

Page 2: Certificate of completion

Page 3: Objective of the project

Page 4: Action plan

Pages 5-10: Interview-Based research/ /Script of One act play/ Essay/ Research based report (800-1000 words essay/Script/Report)

Pages 11-12: Relation with the Chapter/ Poem

Page 13: Student reflections

Page 14: Bibliography

If possible, Photographs that capture the positive learning experiences of the student(s).

**Suggestions for Project Work:**

1. The Project can be inter-disciplinary in theme. The ideas/issues highlighted in the chapters/ poems/ drama given the prescribed books can also be developed in the form of a project. Students can also take up any relevant and age-appropriate theme.
2. Such topics may be taken up that provide students with opportunities for listening and speaking.

**PHYSICS**

Revise all the important formulas of derivatives and integration.  
Revise motion in straight line

## **CHEMISTRY**

To do back exercise of chapter some basic concepts of chemistry and atomic structure from NCERT

## **BIOLOGY**

Completion of biology practical file  
Thorough revision of chapters from NCERT and back exercise  
Practice important diagrams of topics covered  
Make first -Aid Box for as your project for practicals

## **MATHEMATICS**

Write the following activities in your practical file (Vijay Publication)  
Activity number: 1,3,5, 13,16, 18,20,22,26,28.  
Also Write activity 15 on separate activity sheet

## **PHYSICAL EDUCATION**

Practical -1. Fitness Tests administration (SAI Khelo India Test)  
Practical -2. Badminton – History, Fundamental Skills, terminology and Labelled diagram of play field.  
Practical -3. Three Yoga Asanas with procedure, benefits, and diagrams.  
Practical -4. First Aid Box  
Project Files – Write 10 pages on A 4 Size sheets IPL 2025.

## **INFORMATICS PRACTICES**

1. Code the programs in Python IDLE from the list of programs given in class.
2. Programs should then be written in class work copy and submitted on the reopening day.

## **HINDUSTANI MUSIC VOCAL**

\*Make a project file for finals  
\*Topics:  
1.Any three short notes.  
2. Biography of Tansen.  
3. Raga Bhairav.  
4. Teentaal.

## **BANKING**

1. Brain teasers of unit 1- Introduction to banking and Basic Functions of Banker
2. It is to be solved on single line sheets.
3. Submission in the first week of July

## **YOGA**

Kindly complete the following work in your Yoga practical files-:

—Start by writing definition of yoga and making a flow chart of basic types of asanas along with some examples (just names) given on page 26 of practical file. Use your book for writing the examples which are in your syllabus.

—Then you have to write Yoga for weight loss given on page 58 and 59 of your practical file.

REMEMBER TO WRITE IN EASY LANGUAGE AS YOU WILL BE LEARNING WHAT YOU HAVE WRITTEN AND VIVA WILL BE ASKED FROM THERE ITSELF IN CLASS 12 AS WELL. ALSO KEEP IN MIND THE EXAMPLES WHICH YOU WILL BE WRITING YOU SHOULD BE ABLE TO DO THEM. AS THE PERSON WHO IS TAKING PRACTICAL MAY ASK YOU TO DO IT.

All the students have to make Project on Yoga introduction and Patanjali Yoga sutra.

-The project should be of 10-12 pages and a cover page should also be made for the same.

-Submit it after vacations in stick folder

-Remember your yoga practical is of 50 marks and the practical file is of 15 marks and project of 10 marks and 5 marks for viva

## **FINE ARTS**

NOTE: Following topics should be done on A3 size Art file.

### **APPLIED ART**

1. Pen Art (Size 22cm X 30cm)
2. Calligraphy on 4 different pages– Capital & Small letters of English, Devnagri & Numerals (Size 22cm X 30cm)
3. Product - Black & White (Size 22cm X 30cm)
4. Visiting card (Size of actual visiting card)
5. Logo (Size 22cm X 30cm)
6. Textures (Size 22cm X 30cm)

### **PAINTING**

1. Make any kind of simple 15 sketches in your art file (Any medium)

## **PSYCHOLOGY**

### **Analysis of a Psychological Test**

**Aim:** To develop students' understanding of psychological testing by engaging them in the practical analysis of a psychological test, enhancing their critical thinking, interpretation skills, and application of psychological concepts in real-life contexts.

**Note: Soft copy of the psychological test with its manual will be shared in the WhatsApp group.**

Format for the project work will be as follows:

**1. Title Page**

- Project Title: Analysis of a Psychological Test (Ravens Progressive Matrices Test)
- Name of Student:
- Class/Section:
- Roll Number:
- Submitted To:
- Date of Submission:

**2. Introduction (3-4 sheets)**

- Briefly introduce what psychological tests are.
- Explain the importance of analyzing a test.

**3. Description of the Test (2 sheets)**

- Name of the Test:
- Author/Developer:
- Year of Development:
- Purpose of the Test: (What does it aim to measure?)

**4. Test Format (3-4 sheets)**

- Number of Items:
- Type of Items: (e.g., multiple choice, Likert scale, true/false)
- Type of Test: - Verbal / Non-verbal / Performance; Individual / Group; Speed / Power / Mixed

**5. Administration (4-5 sheets)**

- How is the test administered?
- Instructions given to the test taker
- Time required for completion

**6. Scoring and Interpretation (2-3 sheets)**

- Scoring Method: (Manual / Computerized / Self-scored)
- Interpretation of Scores: (What do the scores mean?)

**7. Psychometric Properties (2-3 sheets)**

- Reliability: (e.g., test-retest, internal consistency)
- Validity: (e.g., content, construct, criterion-related)
- Norms: (On which population was the test standardized?)

**8. Conclusion (1-2 sheets)**

- Summary of key findings from the analysis

**9. References**

- List all sources used (textbooks, test manuals, research articles, websites)