

SACRED HEART SR. SEC. SCHOOL, B.R.S NAGAR, LUDHIANA
HOLIDAYS HOMEWORK
JUNE 2026
XI SCIENCE

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 :2026-27

English Core (301)

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.
teacher

Name of the subject

Page 1: Acknowledgement

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:

- ☐ 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.
- ☐ Such topics may be taken up that provide students with opportunities for listening and speaking.

PHYSICS

1. Each student has to make art integrated project for physics

HEADING :ART INTEGRATED PROJECT FOR PHYSICS

TOPIC : Derive first three equations of motion using graphical method

2. Revise all the important formulas of derivatives and integration.

3. Revise motion in straight line and solve all the numericals and ncert questions \

CHEMISTRY

1. Revise and solve back exercise of chapter some basic concepts of chemistry and atomic structure from NCERT

2. Prepare art integrated project.

BIOLOGY

1. **ART INTEGRATED PROJECT (Topic: Diagram of Marchantia and its life cycle)**

2. Make First -Aid Box for as your project.

MATHEMATICS

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

2. Write activity 15 on separate activity sheet.

3. REVISE SETS , RELATION AND FUNCTIONS AND TRIGONOMETRY. There will be test of trigonometry after vacations.

PHYSICAL EDUCATION

Practical -1. Fitness Tests administration (SAI Khelo Inida Test)

Practical -2. Badminton – History, Fundamental Skills, terminology and Leblled 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 2026 for Men.

ARTIFICIAL INTELLIGENCE

Write the programs in jupyter and take the screen shot of both program as well as output of programs.

- 1) Check even or odd Numbers from 1 to 10.
- 2) Print Multiplication Table
- 3) Check Prime Numbers
- 4) Find largest number
- 5) Simple Menu Driven calculator
- 6) Find Factorial of number

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

- Brain teasers of unit 1- Introduction to banking and Basic Functions of Banker
- It is to be solved on single line sheets.
- Make a Project file on Banking Instruments used in Banking.
- Submission on 2 July 2026

FINE ARTS

NOTE: Following topics should be done on Sheets

APPLIED ART

1. Illustration – Building and People (Pen Art - Size 22cm X 30cm)
2. Visiting Card (size of actual visiting card)
3. Product on Juice/Soft Drink (Size Half imperial sheet, water/poster colours))

PAINTING

1. One composition on topic Dance (Size half imperial Sheet , water colours)
2. One composition on topic Profession (Size half imperial sheet, water colours)
3. Landscape (Size half Imperial size, water colours)

KATHAK

Topics

- History of Kathak
- Gharans
- Famous Gurus ...Pandit Birju Maharaj Ji And Rajendra Gangani Ji
- Taal And Laya
- Rasas and Its Parts
- Teen Taal
- Toda/ Tukra/ Amad
- Jhap Taal
- Costume and Makeup

PSYCHOLOGY

Project Work: Case Profile on any one psychological disorder

1. Cover Page

- Title of the project [Name of Psychological Disorder]
- Student's name
- Class and roll number
- School name
- Submitted to: [Teacher's name]
- Academic year

2. Acknowledgment

- A brief note thanking the teacher, school, and any other individuals who helped in completing the project.

3. Certificate

- A formal certificate from the school/teacher verifying that the project is original and completed under supervision.

4. Index

- A list of contents with page numbers.

5. Introduction

- Brief explanation of what a psychological disorder is.
- Importance of studying psychological disorders.

6. Description of the Disorder

- Name of the chosen disorder (e.g., Depression, OCD, Schizophrenia, etc.)
- Definition and classification (as per DSM-5 or ICD-10)
- Causes (biological, psychological, social)
- Symptoms and diagnostic criteria
- Prevalence (age, gender, cultural factors)

7. Case Profile

- Name: (Can use a pseudonym)
- Age/Gender:
- Background Information: Family, education, occupation, social relationships
- Presenting Problem: What symptoms or behaviors led to concern
- History of the Problem: Duration, triggering events, previous treatments
- Psychological Assessment: Tests used (if any), clinical observations
- Diagnosis: Based on symptoms and criteria
- Intervention/Treatment Plan: Therapy or medication used
- Prognosis: Expected outcome or current status

8. Analysis and Discussion

- Interpretation of the case based on psychological theories
- What this case teaches about the disorder
- Ethical considerations in dealing with the case

9. Conclusion

- Summary of findings
- Student's learning and reflection

10. Bibliography

- Books, websites, articles referred to (in proper format)

11. Appendix (if applicable)

- Sample questionnaires, interview questions, or extra materials

FINANCIAL MARKETS MANAGEMENT

ART INTEGRATED PROJECT

Students will make the Project on Initial Public Offerings (IPO) on any one of the companies launched IPO recently by covering the following points:

- Write up about the company in brief along with detail of Promoters and & Business Model.
- What is IPO and why the company launch IPO.
- Role of SEBI in IPO.
- Process of IPO.
- Explanation on Draft Red Herring Prospectus and Book Building Process.
- Oversubscription and listing of shares.