



ST. XAVIER'S HIGH SCHOOL Patna

Holiday Homework 2025-2026

Class- 12 'E' ISC

Subject- English Literature

Complete the three board assignments given (Typed).

Complete the objective questions of the lessons taught in the respective literature workbooks. Complete the subjective questions of the lessons taught in the respective literature copies. Revise everything taught.

Subject- English Language

Complete the board assignments given.

Complete chs 2 to 6 (Grammar & Comprehension) in Total English book and the writing section in composition copy. Learn the vocabulary (1st term).

Revise everything taught.

Subject- Physics

Compulsory Work: All students have to solve following exercise questions from ISC PHYSICS book (PITAMBAR) as well as from NCERT book also.

Chapter :- 1. (ELECTRIC CHARGE AND FIELDS) and

Chapter:- 2. (ELECTRIC POTENTIAL AND CAPACITANCE)

And revised chapter 3 (CURRENT ELECTRICITY) and write notes of this chapter.

and

Following projects, which are based on activity, assigned in group. You can use internet and other reference book H C Verma, Resnick Halliday, S L Arora etc

Roll No.	Projects
01-05	HYDROPOWER PROJECT
06-10	USE AND IMPACT OF RECYCLE MATERIALS IN THERMAL INSULATION
11-15	COLOURS WITH LONG AND SHORT WAVELENGTHS
16-20	MEASURING THE SPEED OF LIGHT OR CHANGING THE SPEED OF LIGHT
21-25	TOTAL INTERNAL REFLECTION PHENOMENON
26-30	SOLAR COOKER PROJECTS :- STUDY THE PRINCIPLES OF SOLAR ENERGY CONVERSION AND COOKING
31-last	WIRELESS ELECTRICITY TRANSMISSION :- EXPLORE THE CONCEPT OF TRANSMITTING ELECTRICAL ENERGY WITHOUT WIRES

NOTE :- Submit handwritten on BIO-SHEET and use BIO-FILE.



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Subject- Chemistry

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1. PROJECT WORK:

TOPICS	ROLL NO.
1. Amino acids: Peptides, structure and classification, proteins structure and their role in the growth of living beings.	1 to 5
2. Nucleic Acid: DNA and RNA – their structure. Unique nature. Importance in evolution and their characteristic features.	6 to 10
3. Carbohydrates and their metabolism, Blood - haemoglobin and respiration.	11 to 15
4. Vitamins and hormones	16 to 20
5. Simple idea of chemical evolution.	21 to 25
6. Natural polymers (any five) - structure, characteristics, uses. Synthetic polymers (any five)- method of preparation, structure, characteristics and uses.	26 to last roll no.

2. Complete exercise question from Alcohols, Phenols and Ethers

Subject- Biology

1. Do question and answers given of chapter 4 Reproductive Health in your homework copy.
2. Write experiments of unit 1 and 4 in your bio lab manual along with the well labeled diagrams and submit it on 24-6-2025.
3. Make the Boards Project.
Topic allotted according to the roll number are-
Roll no. 1,5,8,9, 11- Genetic Disorders
Roll no. 12,14,21,23,24- Cancer
Roll no. 26,28,29,30,31,35- Drug Addiction and Community.
4. Learn and revise the chapters been taught.

Subject: Mathematics

assignment for summer vacation:

1. Complete project work discussed in class.

One file needs to be prepared, and 2 projects to be done.

2. Complete and revise all the topics discussed till now. All the exercises from OP Malhotra.

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Subject: Computer Science

Complete all the exercises of chapter 07 String Manipulation

(from page 292 to 297)

Subject- Economics

1. Practice the previous year board question and answers of all the chapters discussed in the class.
2. Revise the chapters taught in the class.

Project

- Theoretical Perspectives on Market Structures: A comparative Analysis.
- Fiscal Policy in India: A Theoretical Analysis

