



St. XAVIER'S HIGH SCHOOL

EDUCATION FOR ALL

BANKURA, WB
Affiliation No.: 2430130

Affiliated to CBSE (New Delhi) 10+2 level
School Code: 15720

WINTER VACATION ASSIGNMENT (2025-2026)

CLASS-XI-COMMERCE

SUBJECT: ENGLISH

1. You are Avik/Aditi, Head girl / Head boy of your school. You are deeply disturbed by the rising cases of aggressive behaviour of students in your school. You decide to speak during the morning assembly about it. Write a speech on 'Indiscipline in Schools'. (120-150 words)

2. 'Homes for the aged is a necessity in India'. Write a debate in 120- 150 words either for or against the motion.

SUBJECT: B.ST.

1. Prepare a project on "A visit to a wholesale market (fruits, grains, etc.) to observe sources, buyers, sellers, pricing, packaging, and logistics".

Assignment Structure:

Introduction: Topic, Objective, Scope.

Data Collection: Primary (surveys, interviews, observations) & Secondary (books, internet).

Analysis & Interpretation: Relating findings to theory.

Conclusion & Suggestions.

Bibliography/References.

Note: Paste pictures for reference and submit the project in a stick/channel file.

SUBJECT: ECONOMICS

A. Prepare the project report on the given topic according to the assigned Roll no.

Instructions regarding the project.

1. The project should be in handwritten form in A4 sheets. No Printed Project is accepted.

2. The project must contain pictures (Mandatory).

3. Staple the pages before submitting it in a channel file.

4. The project must contain the following points:

a. Cover Page (School name, school logo, name of topic, students name, class, subject, session, roll number, guided by in printed form only.)

b. Certificate with place for teacher signature in printed form only.

- c. Acknowledgement
- d. Index
- e. Introduction
- f. Main content
- g. Conclusion
- h. Bibliography
- 5. The project must not exceed 20 pages.

TOPICS & ROLL NO.:-

1. Solar Energy, a Cost-Effective Comparison with Conventional Energy Sources - 1,8,13
2. Bumper Production- Boon or Bane for the Farmer - 2,9,14
3. Effect of Price Change on a Substitute & complementary goods (taking prices from real life visiting local market)- 3,10,15
4. Forms of market - 4,11,16
5. Methods of data collection - 5,12,17

SUBJECT: COMPUTER SCIENCE

1. Write python code for the following program and submitted in channel file with proper colour front page:

Python Programming

- Input a welcome message and display it.
- Input two numbers and display the larger / smaller number.
- Input three numbers and display the largest / smallest number.
- Generate the following patterns using nested loops:

Pattern-1	Pattern-2	Pattern-3
* ** *** **** *****	12345 1234 123 12 1	A AB ABC ABCD ABCDE

- Write a program to input the value of x and n and print the sum of the following series:
 - > $1 + x + x^2 + x^3 + x^4 + \dots x^n$
 - > $1 - x + x^2 - x^3 + x^4 - \dots x^n$
 - > $x + \frac{x^2}{2} + \frac{x^3}{3} + \frac{x^4}{4} + \dots \frac{x^n}{n}$
 - > $x + \frac{x^2}{2!} + \frac{x^3}{3!} + \frac{x^4}{4!} + \dots \frac{x^n}{n!}$
- Determine whether a number is a perfect number, an Armstrong number or a palindrome.
- Input a number and check if the number is a prime or composite number.
- Display the terms of a Fibonacci series.
- Compute the greatest common divisor and least common multiple of two integers.

- Count and display the number of vowels, consonants, uppercase, lowercase characters in string.
- Input a string and determine whether it is a palindrome or not; convert the case of characters in a string.
- Find the largest/smallest number in a list/tuple
- Input a list of numbers and swap elements at the even location with the elements at the odd location.
- Input a list/tuple of elements, search for a given element in the list/tuple.
- Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above 75.

SUBJECT: ACCOUNTANCY

1. Solve all the problems from the chapter “Bank Reconciliation Statement”.

2. Prepare a Financial Statement (Trading A/c, Profit & Loss A/c and Balance Sheet) with original data of a limited company and analyse the result.

SUBJECT: PHYSICAL EDUCATION

1. Olympics related to any one game (history,rules, dimension, official, players name, etc.)

2. Any one lifestyle disease(diabetes, asthma, obesity, arthritis, etc.)