

Holiday Homework

Class XI B

English

1) . Read the newspaper everyday and collect one good article/feature each related to the Elderly, Adventure, Environmental hazards and paste them in your Class registers.

2) . Collect information related to King Tut and the Egyptian Civilization. Present it through Power Point (about 10-12 slides)

3) . Write an article on 'Tourism and its future in India' in about 200 words.

4) . Read any one novel of your choice and write the review.

a. The Adventures of Huckleberry Finn by Mark Twain

b. 1984...by George Orwell

c. To Sir with Love- E.R. Braithwaite

d. Great Expectations- Charles Dickens

How to do:- The review is to be written in 250-300 words keeping in mind the given aspects:

- About the Writer
- Summary
- Favourite character
- Analysis

Where to do:- A4 Size sheets

Parameters for Assessment:- Content, language and accuracy

5) Make a video presentation. Record in your voice any poetry, story, write up, any summary of story from your story book in interesting way. Make a video presentation.

Criteria :-

- Voice Modulation
- Vocabulary
- Intonation
- Confidence

Recording should be of 3 – 4 mins.

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Business Studies

Prepare a project report on 'How to open a Saving Bank Account' of any Indian Nationalized Bank. The project work includes how to open a Saving Bank Account form & filled with Blue/Black pen along with the required documents.

Economics

Students are supposed to pick any ONE concept from their Micro Economics Syllabus and prepare a Project Report -

Students can choose any one of the following topics-

1. Production Possibility Frontier
2. Opportunity Cost
3. Price Discrimination
4. Price Determination
5. Production – Returns to a Factor
6. Demand and its determinants
7. Supply and its determinants
8. Monopolistic Competition/ Oligopoly/ Monopoly
9. Any other topic from Micro Economics

Student may work upon the following lines: -

- Introduction
- Explanation of the concept: - Meaning and Definition
- Application of the concept
- Colorful pictures/ graphs/ curves/ etc. related to the topic
- Diagrammatic Explanation (if any)
- Numerical Explanation related to the concept etc. (if any)
- Students' own views/perception/ opinion and learning from the topic.
- Any other valid idea as per the perceived notion of the student who is actually working and presenting the Project-Work.

The project file should be 20-30 pages (approx), and must be handwritten.

Accountancy

Complete the Unsolved Numerical Questions of Chapter name mentioned below.

Chapter Name – 1. Accounting Equation

2. Journal

3. Ledger

I.P.

Prepare one file of any 6 python programs with output(manually). First page should be contain introduction of python programming language.

Physical Education

One sports of your choice, 5 yoga asana with their benefits.

Mathematics

- Prepare a presentation on chapter 6 Linear inequalities
- Prepare the mind map also for chapter 6 linear inequalities

(DO THIS ASSIGNMENT IN MATHS NOTEBOOK)

1. Classify the chart of Number System.
2. Write one point difference between Roster and Set-builder form of the Set.
3. Define the following terms: (i) Void Set. (ii) Interval (iii) Power Set (iv) Universal Set.
4. Given that $N = \{1, 2, 3, \dots, 100\}$, then
 - (i) Write the subset A of N, whose element are odd numbers.
 - (ii) Write the subset B of N, whose element are represented by $x + 2$, where $x \in N$.
5. Let $X = \{1, 2, 3, 4, 5, 6\}$. If n represent any member of X, express the following as sets :
 - (i) $n + 5 = 8$
 - (ii) n is greater than 4.
6. From 50 students taking examinations in Mathematics, Physics and Chemistry, each of the student has passed in at least one of the subject, 37 passed Mathematics, 24 Physics and 43 Chemistry. At most 19 passed Mathematics and Physics, at most 29 Mathematics and Chemistry and at most 20 Physics and Chemistry. What is the largest possible number that could have passed all three examination?
7. Using properties of sets prove the following
 - (i) For all sets A and B, $A \cup (B - A) = A \cup B$
 - (ii) For all sets A and B, $A - (A - B) = A \cap B$
 - (iii) For all sets A and B, $A - (A \cap B) = A - B$
 - (iv) For all sets A and B, $(A \cup B) - B = A - B$
8. In a group of 50 students, the number of students studying French, English, Sanskrit were found to be as follows: French = 17, English = 13, Sanskrit = 15, French and English = 09, English and Sanskrit = 4, French and Sanskrit = 5, English, French and Sanskrit = 3. Find the number of students who study
 - (i) French only
 - (ii) French and Sanskrit but not English
 - (iii) English only
 - (iv) French and English but not Sanskrit
 - (v) Sanskrit only
 - (vi) at least one of the three languages
 - (vii) English and Sanskrit
 - (viii) none of the three languages but not French
9. Let U be the set of all boys and girls in a school, G be the set of all girls in the school, B be the set of all boys in the school, and S be the set of all students in the school who take swimming. Some, butnot all, students in the school take swimming. Draw a Venn diagram showing one of the possible interrelationships among sets U, G, B and S.
10. Show that $A \cup B = A \cap B$ implies $A = B$
- 11 For any sets A and B, show that $P(A \cap B) = P(A) \cap P(B)$
12. Let A, B, and C be the sets such that $A \cup B = A \cup C$ and $A \cap B = A \cap C$ Show that $B = C$