



ESTEEM PUBLIC SCHOOL

A Senior Secondary School (10+2)
Affiliated to CBSE, Delhi



HOLIDAY HOMEWORK OF PUJA VACATION (2025-26)

CLASS – XI (Only for the students of Chaliyama Branch)

ENGLISH

Homework : Pickup any one lesson from the books "Hornbill" or snapshots and prepare power point

Presentation on any one lesson covering the following points:

- Information about the author
- Brief hint about the plot
- Theme
- Characterisation
- Message
- Period in which the story was written and its relevance in relation with those time

MATHS

Assignments : Make following Activities (Assignment) in your Maths Activity copy.

Activity 1 - To verify that for two sets A and B $n(A \times B) = pq$ and the total number of relations from A to B is 2^{pq} where $n(A) = p$ and $n(B) = q$.

Activity 2 – To distinguish between a Relation and Function.

Activity 3 – To plot the graph of $\sin x$, $\sin 2x$, $2\sin x$ and $\sin \frac{x}{2}$

PHYSICS

Homework : 1) Make concept of summarizing Chapter's

2) Watch 2 YouTube video per chapter and write a short note (50 words) reflection on each.

Assignments : 1) Solve atleast 10 Numerical from each chapters.

2) Include derivation of key formula.

Project : Projectile Motion Demonstration inclined plane and marbel.

CHEMISTRY

Homework : Learn and write Electronic configuration of elements of periodic table from 1 to 30.

Assignments : Compare the properties of S, P and d block elements and write in your own words.

Project : Prepare a project report on environmental pollution caused by chemical pesticides.

BIOLOGY

Homework : Define the terms inflorescence and floral symmetry with examples.

Assignments : Make a flow chart showing the cell cycle phases (G1, S, G2 & M).

Project : Prepare a chart paper showing different types of root.

I.T (802)

Homework : Write the Q/A of ch – 4 (Part A) in your note copy.

Assignments : Describe the Green Projects in India with the help of pictures in A4 size chart paper.

PHYSICAL EDUCATION

Homework : Q/A chapter (6 – 8)

Assignments : Make an assignment on Hockey world Cup.

----- End of the Holiday Homework -----





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CLASS – XI (Only for the students of Tungri Branch)

ENGLISH

Homework : Read the poem 'The Tale of Melon city' and try to decipher it.

Assignments : Compose your own poem of 5 – 6 lines (can be more) on any genre of your choice.

PHYSICS

Homework : Solve the derivation from Chapter 1 to 8

Project : Make a project on Rotational Motion in a file.

BIOLOGY

Assignments : Draw and label the features of Porifera, Chidaria, Annelida, Mollusca and Arthropoda.

Do all the work neatly in your project file.

Project : Collect 3 – 5 local plants and study their root systems. Identify if they have taproot or fibrous root system. Draw and label each root system and explain their functions. Additionally paste the root on a project file.

I.T (802)

Homework : Write and Learn the Q/A of CH-4 (Part A) in your note copy.

Assignments : (i) Make a Report on famous Indian entrepreneurs.

(ii) Make a report on highlighting contributions of women entrepreneurs

like – Vandana Luthrs (VLCC) in a stick file.

Project : Make a Poster on “ Be your own Boss” or startup India in an A4 size chart paper.

----- *End of the Holiday Homework* -----