

**\* Holiday homework for class 12 th (Science)**

**\*Mathematics Holiday Homework**

Class XII\*

Solve Chapter 1 to Chapter 4 from the R.D. Sharma book.

\*Subject Enrichment :\*

Apply matrices in real-life situations and perform operations like addition, subtraction, multiplication, and transpose.

**Biology Holiday Homework**

\* learn all questions from Chapter 1 to Chapter 4 .

\*Subject Enrichment\*

Draw all the diagram related to chapter 1 to 4.

**Chemistry Holiday Homework**

\* Complete notes of Chapter-1 and 4

\* Solve NCERT questions.

\* Solve PDF questions shared in class group.

\* Do all work neatly in Chemistry notebook.

## **SUBJECT ENRICHMENT -**

Topic- Important terms in Coordination Compounds

Instructions:-

1. Do not write theory
2. Present using Flowchart/diagrams/Concept maps /examples.
3. Do not use red or green pen.
4. Submit a neat , well -structured project.

## **Physics holiday homework**

- \* Complete notes of Chapter-1 and 3
- \* Solve NCERT numerical questions.
- \* Do all work neatly in physics notebook.

## **SUBJECT ENRICHMENT -**

Topic - Study of Electric Field Mapping:

Create a 2D map of electric field lines and equipotential surfaces for different charge configurations (e.g., two positive charges, a dipole).

## **ENGLISH CORE:**

1. **Poster Making:** Design a creative poster on the theme **'The Beauty of Linguistic Identity'**. Include a compelling slogan about why we must cherish our native language.
2. **Short Essay:** Write a 100-word paragraph on "The Universal Fear of Ageing and Separation". Based on the poem My Mother at 66, suggest ways in which we can support our elderly parents to ensure they do not feel isolated.
3. **Research Task:** Conduct a small research project on 'Galesburg, Illinois' in the year 1894. Create a **comparative chart** showing the differences between that era and the modern world regarding fashion, currency, and the general pace of life.

4. **Argumentative Writing:** Write an article on **"Human Vanity vs. Wildlife Conservation"**. Discuss how the King's obsession reflects a broader human tendency to exploit nature for personal pride.