

## HOLIDAYS HOMEWORK

2022-23

Class-X

Biology

1- *Do the given questions with labeled diagrams-*

(A)- Explain briefly- All the stages of Mitosis in a plant cell & in an animal cell both with 4 chromosomes per cell.

(B)-Draw a well labeled diagram to show a fully grown root hair cell and Explain briefly the adaptations found in root hair cell for the better absorption by roots.

- Prepare UT-1 Syllabus .

Note : Do the work in your Notebook

### Geography

Project I :

Map of India

(a) Mountains

(b) Plateaus

(c) Rivers

(d) Water bodies

(e) Direction of Winds

(f) Latitude and Longitude

(g) Passes

PROJECT II :

Transport in India







OR

Waste Generation and Waste Management

### Physics

- MAKE A PROJECT FILE ON THE FOLLOWING TOPICS
  - AC GENERATOR
  - DC MOTOR
- COMPLETE THE NUMERICALS OF THE EXERCISE OF CHAPTER 1, 2 AND 3 ON YOUR FAIR NOTEBOOK.

## History/ Civics

- Class 10th   
- 1. Rise of Hitler & Mussolini
- 2. Mahatma Gandhi's role in Indian Independence Struggle
- 3. The Indian Judiciary
-   
- (Any one of these)

## Computer

1. Write any 5 programs using if-else.
2. Write any 5 programs using switch-case.

**Note:** Write above programs along with the questions and the input/output in A4 sheet (only at one side of the sheet) and attach the pages in a file.

## English Language

- Write an essay on Money is the main reason for all evils.
- Reading will liberate you and free you from every ignorance.

## English Literature

Write a summary of The little Match Girl and I know why the Caged Bird Sings.  
Write about the main characters of the Merchant of Venice and write about five main characters ie Shylock, Jessica, Portia, Bassanio and Antonio

- To be done in double side ruled sheets and put in a transparent file language and literature separately.

## Hindi

गद्य- भीड़ में खोया आदमी

पद्य- वह जन्मभूमि मेरी

भाषा- भक्ति काल के पांच हिंदी कवियों का परिचय

(तीनों एक ही फाइल में बनेंगे)

## **Chemistry**

**( On a Chart Paper )**

**Topic: Colour,Odour, Nature ,Test For All The Major Gases.**

**While making Project mention the following points :**

- 1. You Have to Write All The Necessary Reactions**
- 2. Highlight The Colour Of Various Compunds .**

**Note: See Topic 13.1 Chapter 13 For Reference**

## **Maths**

**Draw Histogram (5) and find the mode of the given data from chapter measures of central Tendency.**