



## Class 9

### Winter Break Holidays Home Work

#### **English**

Revise the syllabus and complete the notebooks for the chapters done in class.

Prepare for the activity radio show if not done in class.

Make a drawing of a book cover for any mystery novel on A4 sheet.

#### **Hindi**

Revise the syllabus. Complete your portfolio and note books

#### **Mathematics**

Revise the work done in the class .

#### **Chemistry**

Revise the content done in class. Write all the details of 1st 20 elements in tabular form including atomic number, mass number, no. of protons, electrons and neutrons.

Electronic configuration valence electrons and valency.

#### **Biology**

Chapter: Health and Disease

Duration: Winter Vacation

Dear Students,

Please copy the notes of Health and Diseases from the material provided on WhatsApp neatly in your Biology notebook.

☞ **Also, add any ONE activity from the following activities related to Health and Diseases in the same notebook.**

1. **Balanced Diet Chart**
  - Prepare a one-day diet chart for a healthy person.
  - Identify nutrients, their sources, and role in disease prevention.
2. **Observation of Common Symptoms of Diseases**
  - Make a small table of family members or friends showing common symptoms like fever, cough, or fatigue.
  - Link symptoms to the possible disease (viral, bacterial, or deficiency).
3. **Healthy Meal Planning**
  - o Prepare a weekly diet chart with low sugar, low salt, high fiber.
  - o Explain how it prevents obesity, diabetes, and heart disease.
4. **What are Lifestyle Diseases? (Any one)**

Examples:

- Diabetes
- Obesity



# Sacred Heart Convent Sr. Sec. School

Tejli Road, Jagadhri, Haryana, India

- Hypertension (High blood pressure)
- Heart diseases
- Cancer
- Arthritis

Instructions:

- Write neatly
- Use headings and keywords
- Diagrams (if any) must be neat and labelled
- Do original work

This work is part of your Holiday Homework and will be checked after vacation.

## **Physics**

Revise the work done in class

## **Social Science**

Revise the syllabus. Complete your Portfolio and Note books and bring it after the holidays.

## **Artificial Intelligence**

Revise the syllabus done in the class. Practice List and String concepts in Python

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