Christu Jyoti Convent Sr. Sec. School Garhmukteshwar

Session – 2024-25

Holiday Homework

Class – 9th

Subject: English-I

Solve test paper number 3, 4

Total English write any six essays you may repeat any essay as you wise write in your notebook.

English Literature

Make a project on the topic summarise act-1 of Julius Caesar

OR

Characteristics Portia and Calpurnia

Note: page limit 12 to 15

Paste related pictures

Hindi

प्रदूषण एक समस्या (हिंदी परियोजना)

Maths

Topic of project:

1. Quadratic equation

(a) Introduction

(b) How to solve quadratic equation

(i) Factorization method

(ii) By completing squares

2. Logarithms

(a) Introduction

(b) Rules of Logarithms

(c) Do some questions related to Logarithms

History and Civics

Make a project on Indian Constitution

OR

The Delhi sultante

Geography

Make a project on interpretation of topographical maps

Contours Valleys, Ridges, Types of slopes conical Hill, Plateau, Escarpment and Sea Gulf (Book page no. 230-234)

Physics

Project Work:

Topic: Upthrust in fluids, Archimedes principal and floatation".

Note: 1. Page limit 1 to 10
2. Use coloured A4 size paper
3. Paste diagram related to topic

Chemistry

Write down the following experiments in your Lab Manual.

1. Identification of Gases (Only chlorine, hydrogen, chloride, and ammonia gas)
2. Heating of common substances (Only copper carbonate, Zinc carbonate, Zinc Nitrate crystals)
3. (S. No. 4) Flame tests to identify cations in unknown salts. (Complete Experiments)
4. (S. No. 5) Determination of percentage composition of given mixture.

Biology

Project Work:

Topic (a): Seed (Type and their structure)
(b): Germination (Type and exprement)

Note: 1. Page limit 1 to 10
2. Use coloured A4 size paper
3. Paste diagram related to topic and you can draw

Computer

Q.1 What are operators in java. Explain its types also.

Q.2 What is Escape sequence? Write java program for each.

Q.3 Write a program to find the area of triangle.

Q.4 Write a program to find the simple interest.

Q.5 Write a program to calculate the sum of three digits numbers.

Q.6 What is type Casting explain in detail?