CHRISTU JYOTI CONVENT SR SEC SCHOOL
HOLIDAY HOMEWORK(2024-25)

CLASS- XI

SUBJECT: ENGLISH I

1. Specimen Paper 2 and 3 of Total English
   Out of six essays choose <u>any Three</u> from paper 2. In the same way choose any three essays from paper 3. Rest all the questions from Paper 2 and 3 solve and write in Note book.
2. Revise the chapters:
   (i). Active & passive voice
   (ii). Direct and Indirect
   (iii). Tenses
   (iv). Transformation I and II
   (v). Simple, compound and complex sentences.

SUBJECT: ENGLISH II

1. The summary Macbeth Act –I Scene 1,2,3.
2. Referring closely to the story 'Living God' Hamaguchi proves to be a Living God to the villagers. Discuss.
3. 'Selfless service is the religion of the ascetics'. Discuss the statement with close reference to the text of the poem 'Abhisara ' – the Tryst.
   Write the answers of Q no. 2,3 in your notebook.

   Project
   Write any one of the followings:
   1. "Perfection can never be attained but virtuous people can touch its fringes." Taking in view the story 'Advice to youth' point out the main qualities which are required to be a perfect student.

      OR
   2. Discuss the scenes of human sorrow and suffering as shown in the hospital observing the text of the poem ' Why I like Hospital'?
      Note- For project 5 pages Read are required.

SUBJECT: BIOLOGY

<u>PROJECT WORK:</u> Make project on topic:

<u>"Excretory products and excretory system</u>" (Kidney, urine formation and disorders related to excretory system)

Note:

1. Page limit-1 to 10 (A4). Use coloured papers only
2. Paste coloured diagrams related to topic or you can draw.

SUBJECT: MATHEMATICS

Candidates have to complete two projects- One from section A and One from section B

Section A

1. Identify distinction between a relation and a function with suitable examples and illustrate graphically.
2. Draw the graphs of sin x, sin 2x, 2sin x and sin x/2 on the same graph using same coordinate axes and interpret the same
3. Draw the graph of quadratic function $f(x)= ax^2+bx+c$

Section B

1. Use focal property of ellipse to construct ellipse.
2. Use focal property of hyberbola to construct hyperbola

SUBJECT: CHEMISTRY

(PROJECT ON ANY 1 TOPIC)

1. Natural Polymers – their structure, characteristics and uses
2. Chemicals in Medicines
   (i). Antiseptic
   (ii). Antibiotics
   (iii). Antacids
3. Insecticides, Pesticides and Chemical Fertilizers

SUBJECT: PHYSICS

Topics for investigatory project file:

1. To investigate how a small raft made from a clear plastic sheet can be propelled by water surface tension
2. To study the concept of Bernoulli's Theorem
3. To study the time period of simple pendulum
4. To study the projectile motion in 2D

SUBJECT: COMPUTER SCIENCE

Prepare an assignment file on following topics:

1. Java Programming
2. Write any 15 Java programs (Related topics)
   (i). If-Else
   (ii). Looping statements
   (iii). Methods
   (iv). Strings

SUBJECT: PHYSICAL EDUCATION

Project on CRICKET

1. What is cricket?
2. A brief history of cricket
3. History of cricket in India
4. Measurements of cricket field with diagram
5. Cricket equipments with picture
6. Types of matches(Test match, One day and T-20 Match)
7. Types of Outs in cricket
8. Most popular cricket tournaments in the world
9. Most popular cricket tournaments in India
10. Most popular cricket players

SUBJECT: HINDI

Project on

हिन्दी परियोजना कहानी गौरी

10 मुँहावरे**,** उनके अर्थ वाक्य

10 अशुद्ध वाक्यों को शुद्ध कीजिये**I**