

CLASS 9 HOLIDAY HOMEWORK 2024

SCIENCE

Physics

- (A) Graphical Study of Motion- s-t graphs and v-t graphs for various situations.
(B) 10 Numericals based on Speed, Velocity, Acceleration.

Chemistry

- (A) Write any five activity of chapter 1 (mention aim, material required, procedure, observation and conclusion)
(B) Water kept in an earthen pot (matka) become cool during summer?
(C) Naphthalene balls disappear with time without leaving any solid.

Biology

- (A) Practical record:
(i) Cell the unit of life- * Onion peel * Human cheek cells.
(ii) Tissues
* Plant tissues (4 Nos) * Animal tissues (4 Nos)
(B) Collect and prepare a chart of locally available pulses used as the source of protein in our daily diet. (Minimum 8 numbers) Collect and keep in a small pouch and paste on A4 size paper)

HINDI

आधुनिक युग के संदर्भ में कबीर के सिद्धांतों की प्रासंगिकता विषयक तार्किक विश्लेषण लगभग 300 शब्दों में प्रस्तुत कीजिए।

अथवा

राष्ट्र-निर्माण में छात्रों की भूमिका पर अपने विचार व्यक्त करते हुए सिद्ध कीजिए कि आज का विद्यार्थी भविष्य का कर्णधार है।
(शब्द-सीमा 300 शब्द)

MATHEMATICS

1. Activity- Verify algebraic identity $(a+b)^2 = a^2 + 2ab + b^2$ using paper cutting and pasting method.
2. Solve 20 questions- will be given in the class by the concerned teachers.

HISTORY & CIVICS

Explain various causes that led to the outbreak of the French Revolution.

Or

The parliament must have two houses. Explain its importance.

GEOGRAPHY

(A) Discuss the impact of colonialism on forest societies.

Or

(B) Analyse the causes and effect of forest-based movement in history.

NB: Students can paste pictures from newspapers.

ENGLISH

- (A) Write definitions of 10 Figures of speech and give two examples each in the literary context.
(B) Discover 15 English words of Indian origin and form sentences that convey their meanings effectively.

COMPUTER

The following activities are to be done in the file.

Chapter- 1 (Introduction to IT- ITeS Industry) Part-B

1. Write the names of 10 Indian government websites and also mention the service or information provided by that website to the people.
2. Draw: - Basic Organization of Computer, Classification of Memory, Units of Memory, Use of IT in different areas (Mind Map)