

Class 10th Holiday Homework 2023-24

English

1.Create a self made rhyming poem of about 12 lines on any of the following topic on an A4 size sheet neatly.

a.Dream b.Hardwork c.Education d.Nature.

2.Write the letter to Editor of your favourite magazine congratulating them on their 6th anniversary and commending them for their hard work. Also add a request to create a health column in their magazine for the benefit of the readers.You are Shalini/ Shashwat of Gandhi Nagar ,kolkata(80 - 100 words)

HINDI

1. "राष्ट्र निर्माण में युवा पीढ़ी का योगदान" विषय पर एक अनुच्छेद लिखिए।

2. योग का जीवन में महत्व बताते हुए सूर्य नमस्कार का सचित्र वर्णन कीजिए ।

3. "ग्लोबल इंडिया" क्या है? सचित्र वर्णन कीजिए ।

SANSKRIT

प्रश्न-1 सम्पूर्ण दिनचर्या का समय सारणी दर्शाते हुए संस्कृत में लिखिए ।

प्रश्न-2 संस्कृत में एक कहानी लिखिए जो शिक्षाप्रद हो ।

MATHEMATICS

Search for various historical aspects of numbers and make a collage in a chart paper.

SCIENCE:

PHYSICS

Physics: Make a chart consisting of position, nature and size of the image formed by a spherical mirror, when an object is placed at various positions from the mirror.

CHEMISTRY

1. A. Finding the pH of the following samples by using pH paper/universal indicator

- (i) Dilute Hydrochloric Acid
- (ii) Dilute NaOH solution
- (iii) Dilute Ethanoic Acid solution
- (iv) Lemon juice
- (v) Water
- (vi) Dilute Hydrogen Carbonate solution

B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:

Litmus solution (Blue/Red)

Zinc metal

Solid sodium carbonate

2. Performing and observing the following reactions and classifying them into:

- A. Combination reaction
- B. Decomposition reaction
- C. Displacement reaction
- D. Double displacement reaction

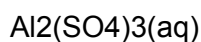
- i) Action of water on quicklime
- ii) Action of heat on ferrous sulphate crystals
- iii) Iron nails kept in copper sulphate solution
- iv) Reaction between sodium sulphate and barium chloride solutions

3. A. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:

ZnSO₄(aq)

FeSO₄(aq)

CuSO₄(aq)



B. Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.

4. Study of the following properties of acetic acid (ethanoic acid)

- i) Odour
- ii) solubility in water
- iii) effect on litmus
- iv) reaction with Sodium Hydrogen Carbonate

5. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.

All the practicals has to be written in practical copy.

BIOLOGY

Complete the given experiments in your practical file:-

- 1)CO₂ is released during Respiration.
- 2)Identify the different parts of a dicot seed embryo.
- 3)Light is necessary for Photosynthesis.

Social Studies

TOPIC: CONSUMER AWARENESS

(INDIVIDUAL PROJECT)

1) Objectives

The overall objective of the project work is to help to gain an insight and pragmatic understanding of the theme and see all social science disciplines from interdisciplinary perspective. It will help in enhancing the life skills of the students

- Students are expected apply the social science concepts that they have learnt over the years in order to prepare the project report

II) Presentation

- The Project report should be handwritten by the students themselves. It should contain 15 to 18 pages

III) INDIVIDUAL PROJECT

Cover page -with topic name, Class and section,

- Index

- Acknowledgement

Who is a consumer?

Consumer exploitation

Consumer Rights

- Consumer responsibilities

- Consumer awareness

- Need for consumer awareness

- Jago Grahak Jago National consumer help line

Steps taken by the government

- Consumer Protection Act 1986

Consumer Courts

Standard marks

Consumer Rights Day -

Conclusion

Bibliography

* Stick pictures to support your topic.

COMPUTER

Explain Rootkit & Databreech?