

S. R. MEMORIAL SCHOOL

SESSION 2023-24

HOLIDAY HOMEWORK

CLASS -9

Subject Hindi:

1. कबीर दास का जीवन परिचय एवं उनकी रचनाओं का उल्लेख कीजिए?

2. अपने मित्र को पत्र लिखकर व्यायाम के महत्व के बारे में बताइए?

3. निम्नलिखित वाक्यों के अर्थ के आधार पर भेद बताइए

ईश्वर तुम्हारी मनोकामना पूरी करें

तुम कक्षा से बाहर निकल जाओ

यदि तुम पढ़ते तो पास हो जाते

सूर्य पूरब दिशा में उगता है

शायद आज मैं बाजार जाऊं

क्या तुम परीक्षा में प्रथम आए हो

यदि तुम आते तो मुझे प्रसन्नता होत

Subject- Artificial intelligence Holiday assignment.

Q.1 Make a project file on the topic "Artificial intelligence".

Q.2 Learn Term-1 syllabus & Solve following questions in

Separate file.

Very Short Q/A

1. What is communication?
2. What is sentence
3. What is Articles?
4. What do you mean by Artificial Intelligence?
5. Write some example of CV and NLP.

Short Q/A

1. Explain Sustainable Development.
2. What do you understand by Start-ups.
3. What do you understand by AI Ethics.

Long Q/A

1. Explain the types of communication.
2. Explain the Domains of AI.
3. Write Advantages & Disadvantages of AI.
4. Explain the carrier options in the field of AI.

Subject: Social Science

1. Make a chart paper on symbols of FRENCH REVOLUTION?
2. Make a model on the physical realms of earth ?
3. Mention any three causes of deforestation in India under the colonial rule.
4. Why is it necessary to increase area under forests? Give three reasons.
5. Name two communities that live in Bastar. What are some of the beliefs regarding nature of the communities of Bastar?
6. How did the forest Acts affect the lives of foresters and villagers?
7. Describe in brief the saminist movement of Indonesia?
8. Why did the people of Bastar raise the revolt against the Britishers?
9. Explain the forest Act passed by the Dutch.
10. Why are forests affected by war?
11. What are the similarities between colonial management of the forests in the Bastar and in Java?
12. What is shifting cultivation? Why was this practice banned by European foresters?

SUBJECT – BIOLOGY

- Q.1. Do all question of ncert book chapter first.
- Q.2. Make a diagram of animal cell and plant cell on chart paper.
- Q.3.Prepar a model of microscope.
- Q.4. Write about mitochondriya and plastid with the diagram on holiday note book.

SUBJECT – CHEMISTRY

- Q.1.Give reasons
 - a) A gas fills completely the vessel in which it is kept.

b) A gas exerts pressure on the walls of the container.

c) A wooden table should be called a solid.

d) We can easily move our hand in the air, but to do the same through a solid block of wood, we need a karate expert.

Q.2. Convert the following temperature to Celsius scale:

a. 300K b. 573K

Q.3. Suggest a method to liquify atmospheric gases.

Q.4. Prepare a periodic table on chart paper.

Do all questions of NCERT book chapter 1 in holiday note book.

SUBJECT – PHYSICS

1. Derive Newton's equation of motion through algebraic and graphical method (in file)
2. Make a brief model on circular motion and its various aspects?

SUBJECT- ENGLISH {IX}

Questionnaire Making

1. How to do :- Prepare 15 multiple choice questions from the story
(A) The Lost Child. (B) The Adventure of Toto..
2. Where to do : Project File sheet.

Parameters:- Accuracy, Content, Authentication.

Writing

Write a Letter (Informal) to your friend, a brief description of a holiday tour you intend to make.

Creation

Write a Short Story on any one of the proverbs given below, Take the proverb as your Chapter title :-

- No pain No gain.
- All's well that ends well.
- Action Speaks louder than words.

Write the Summary of the Poem "The Road Not Taken".

Briefly prepare and practice your periodic table syllabus.

SUBJECT - MATHEMATICS

CROSS- 9th

Note : Do all questions of rational number. Chapter 1 done in maths note book.

Do all questions in maths note book.

1. Find five rational number between $-3/4$ and $-1/2$
2. Locate $\sqrt{5}$ on the number line;
3. Express $1.32\bar{7} + 0.(35)\bar{7}$ as a fraction in the simplest form.
4. Simplify
 - (i) $(\sqrt{5} + \sqrt{2})^2$ (ii) $(\sqrt{5} + \sqrt{2})^2 + (\sqrt{8} - \sqrt{5})^2$
5. Ration aise the denominator of the following.
 - (i) $(3\sqrt{2})/(\sqrt{6} - \sqrt{3})$ (ii) $(4 + \sqrt{5})/(4 - \sqrt{5})$
 - (ii) $(3 + \sqrt{2})/(4 - \sqrt{2})$ (iv) $(\sqrt{7} - 1)/(\sqrt{7} + 1)$
6. If $x = 5 - 2\sqrt{6}$, then find the value of $x^2 + 1/x^2$
7. In simplified form is.