

HOLIDAY HOMEWORK SESSION 2020 – 2021

CLASS VIII

English:

1. Revise all the chapters of (Course book and Cornerstone) covered in the class.
2. Grammar copy work Write the following paragraphs in 100-120 words
 - a.) Technology is killing creativity.
 - b) Today's media is responsible one.
 - c) Without human interference nature is repairing itself.
3. Write the following informal letters...
 - a) Write a letter to your cousin who stays in another city describing your feelings and sharing your views on the pandemic and also talk about your inability to visit him/her during the lockdown.
 - b) You want to go on an educational excursion from school write a letter to your father requesting him for money.
4. Design a beautiful poster on A 3 or A 4 size sheet to increase awareness among people about Covid-19 and the precautions that should be taken to prevent it also give a catchy slogan.
- 5 . As a newspaper reporter make a video of 2 -3 minutes reading the different national news items with proper accent and submit it latest by 25th June on your respective teachers' WhatsApp.
6. Solve the worksheets sent on what's App. in your Grammar copy.

SOCIAL SCIENCE :

I Compile the work in scrap file or in notebook

- Project : A pictorial presentation on Munda Tribe living in India on culture, food habits, language, religion etc and also show how their lives have changed after independence.
- Design a poster on making people aware on Domestic Violence / Dowry Prohibition Act
OR
- Make a chart on three R's of the environment

II Mapwork:

- Mark the centres of the revolt of 1857 on the political map of India (Chapter – 5 of History) .
- Locate the tribal groups of India in the Political Map (Chapter – 4 of History)

III. Learn and complete the Pre-Mid Term syllabus

Arts & Craft :

Art- Complete the following pages in your Art book

Page no -5,9,11,19,21,22,24,25

Craft :-

* Create a beautiful craft by using waste material (best out of waste).

Computer :

- Complete L-1 in book (book exercise, Que – Ans, Define etc)
- Learn L-1
- Using photoshop tools (covered during virtual class) edit atleast 3 images. (mail your original and edited image at gmscomputerwork@gmail.com , Mention your name, class, section and Roll No. in subject of mail)

संस्कृत

दिव्यम् पाठ 1-3

हिन्दी अर्थ एवम् अभ्यास कार्य याद करो

व्याकरण

वर्ण विचार, लिंग निर्धारण, प्रत्ययाः का अभ्यास करें

धातुरूप एवं शब्दरूप याद करो

परियोजना कार्य:

किन्ही 5 स्वास्थ्यवर्धक पौष्टिक तत्वों के चित्र अपनी संचिका में लगाकर उनके नाम संस्कृत में लिखो

5 श्लोक याद करो , विद्या (रोल नं.1--15) परोपकार (रोल नं 16--30) परिश्रम (रोल नं.31--45) भागवद्गीता (रोलनं. 46--अन्तिमरोल नं.)

हिंदी :

- 1- अपनी निकुंज पाठ्य पुस्तक के पाठ 5 और 6 पढ़िए तथा कोई भी दस पेज सुलेख लिखिए ।
- 2- समाचार पत्रों में छपी मुख्य घटनाओं का संकलन करते हुए 4 पृष्ठ की समाचार पत्रिका तैयार कीजिए। उसमें राष्ट्रीय अंतरराष्ट्रीय खेल समाचार एवं मनोरंजन तथा स्वास्थ्य संबंधी समाचार का संकलन करिए।
- 3- अपने आसपास के वातावरण से ऐसे पांच जीवों या वस्तुओं के नाम लिखिए जिनमें संयुक्त व्यंजन द्वित्व व्यंजन एवं संयुक्ताक्षर हों
- 4- ऐसे 5-5 मुहावरे लिखिए जिनमें निम्न शब्दों का प्रयोग किया गया हो। गंगा, पहाड़, सागर, आंख, कान ।
- 5- पर्यायवाची याद कीजिए तथा व्याकरण पुस्तिका में लिखिए।
- 6- विलोम शब्द याद कीजिए।
- 7- निकुंज पाठ्यपुस्तक पाठ 1 से 3 तथा व्याकरण पाठ 1 से 4 तक याद कीजिए।

Science :

- Q1. Prepare a project report of approximately 200 words on the following topics :
- * Basic Agricultural Implements
 - * Corrosion of metals
- Q2. Complete the holidays homework worksheets in your notebook.
- Q3. Revise Pre Mid Term Syllabus and complete your notebooks.
- Q4. Explore why we use 22/23 carat gold for making jewellery. Answer in about 80-100 words.
- Q5. Explore how can we detect the presence of following gases: Carbon dioxide, hydrogen gas.

Please note that the holidays homework can be done in any handmade file/Project file/ Stick file depending on the availability.

Science Holiday Homework - Worksheet 1

Chapters Included: Chapter 1, 4 & 6

Q1. Answer the following:

- A. What do you mean by produce?
- B. What are the advantages of levelling?
- C. Why is transplantation done?
- D. What is the disadvantage of traditional methods of irrigation?
- E. How can nitrogen be replenished naturally?
- F. What is biological control of pest?
- G. Imagine that gold is reactive like copper. Will it still be wanted? Why/Why not.
- H. What happens when magnesium reacts with copper sulphate? Represent in form of a chemical reaction.
- I. Which is a better fuel and why: coal or petrol?
- J. What is a flame?
- K. Why is hydrogen not used as a domestic fuel?
- L. Why does a piece of paper burn with a yellow flame?
- M. Difference between complete and incomplete combustion.
- N. What is reactivity series?

Q2. Label the following diagrams:

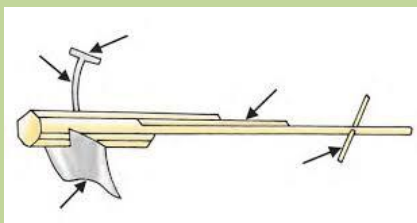
A.



B.



C.



Science Holiday Homework - Worksheet 2

Chapters Included: 1, 4 And 6

Chapter: Crop production and management

Q1. Multiple choice questions:

A) What is NPK?

- i) Fertiliser
- ii) Manure
- iii) Weedicide
- iv) A type of weed

B) Rhizobium is found in root nodules of which of the following plants?

- i) Cereals
- ii) Pulses
- iii) Oilseeds
- iv) Horticultural plants

C) Which of the following is a kharif crop?

- i) Wheat
- ii) Mustard
- iii) Groundnut
- iv) Gram

Q2. Fill in the blanks:

- a) Paddy is a ----- crop.
- b) ----- is the first step before growing a crop.
- c) Dry soil has to be ----- before ploughing.
- d) The practice of leaving the land uncultivated is called -----.
- e) Large scale storage of grains is done in -----, ----- and -----.

Q3. Name the following:

- a) Any two harvest festivals of India
- b) The nitrogen fixing bacteria found in the root nodules of leguminous plants
- c) The plant nutrients found in fertilisers
- d) Any two traditional method of irrigation
- e) An example of weedicide
- f) A machine used for harvesting as well as threshing
- g) The science dealing with the study of food, shelter and health care of domestic animals
- h) Rearing of honey bees on large scale
- i) The process of removing weeds from a crop

Chapter: Metals and non-metals

Q1. Multiple choice questions:

- A) Which of the following is used for making electrical wires and cables?
- a) Stainless steel
 - b) Iron
 - c) Copper
 - d) Silver
- B) The most reactive metal among the following is :
- a) Zinc
 - b) Iron
 - c) Magnesium
 - d) Sodium

Q2. Match the following:

- | | |
|--------------------|-----------------------|
| 1. Metalloid | A) Metals |
| 2. Sonorous | B) Blue litmus to red |
| 3. Acidic oxide | C) Electric wire |
| 4. Aluminium | D) Table salt |
| 5. Sodium chloride | E) Boron |

Q3. Fill in the blanks:

- a) Two soft metals which can cut with knife ----- and -----.
- b) A gas produced on reaction of metals with bases is -----.
- c) If a metal can be drawn into thin wires, it is said to be -----.
- d) Sulphur dioxide reacts with water to form -----.
- e) The non-metal used in water purification.

Q4. True or False:

- a) Sodium is less reactive than iron.
- b) Zinc displaces copper from copper sulphate solution.
- c) Metals react with oxygen to form acidic oxides.
- d) A burning piece of coal was placed in a china dish and the gas is collected in a test tube. The gas collected is oxygen.

Chapter: Combustion and flame

Q1. Multiple choice questions:

- A) The zone of candle flame which is moderately hot is called
- a) Non-luminous zone
 - b) Luminous zone
 - c) Inner dark zone
 - d) Blue zone

B) Which of the following causes acid rain?

- a) Carbon dioxide
- b) Carbon monoxide
- c) Sulphur trioxide
- d) Oxides of sulphur and nitrogen

Q2. Fill in the blanks:

- a) ----- is an example of slow combustion.
 - b) LPG, petrol and alcohol are called ----- substances.
 - c) The head of safety matchstick nowadays contain ----- and -----.
 - d) Increased percentage of carbon dioxide in the air has been link to -----.
 - e) Example of greenhouse gas -----.
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MATHEMATICS : Assignment

Q.1 Verify the property

$$X \times (Y \times Z) = (X \times Y) \times Z$$

where,

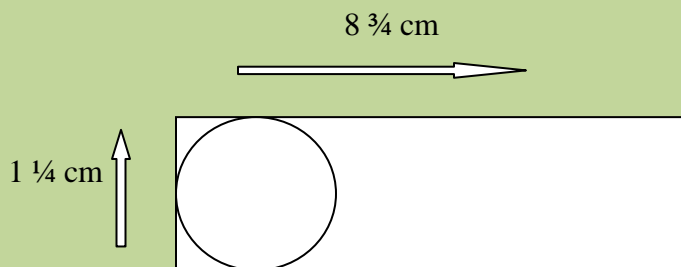
$$X = 2/3, Y = -3/7, Z = 1/2$$

Q.2 Using suitable arrangement, find sum

$$4/7 + (-4/9) + 3/7 + (-13/9)$$

Q.3 A $117 \frac{1}{3}$ m long rope is cut into equal pieces measuring $7 \frac{1}{3}$ m each.
How many such small pieces are there?

Q.4



Shalini has to cut out circles of diameter $1 \frac{1}{4}$ cm from an aluminium strip of dimensions $8 \frac{3}{4}$ cm by $1 \frac{1}{4}$ cm. How many full circles can Shalini cut? Also calculate the wastage of aluminium strip.

Q.5 Find value

$$\sqrt{178 + \sqrt{2209}}$$

Q.6 Given that

$$\sqrt{7056} = 84 \text{ Find value } \sqrt{7056} + \sqrt{70.56}$$

Q.7 Find the least number that must be added to 1500 so as to get a perfect square. Also find the square root of the perfect square.

Q.8 Find the least square number which is exactly divisible by 3, 4, 5, 6 and 8.

Q.9 Find the decimal fraction when multiplied by itself gives 84.64?

Q.10. The dimensions of a rectangular field are 80m and 18m. Find length of its diagonal.

Q.11 Evaluate :

$$\sqrt[3]{64} + \sqrt[3]{0.064} + \sqrt[3]{0.729}$$

Q.12 Write cubes of first five multiples of 2.

Q.13 Is 9720 a perfect cube? If not, find the smallest number by which it should be divided to get a perfect cube.

Q.14 Three numbers are in the ratio 1:2:3. Sum of their cubes is 4500. Find numbers.

Q.15 Difference of two perfect cube is 189. If the cube root of the smaller of the two number is 3, find cube root of the larger number.

Q.16 Do cross number puzzle

DOWN:

1. Cube of 9.
2. Missing number to make 12, ____, 37, a Pythagorean triplet.
4. Smallest number by which 248 be multiplied to make the resultant a perfect cube number.
5. Square of 75.
6. Smallest square number that is divisible by each of 5 and 11.
9. Without adding, find the sum of 1 + 3 + 5 + 7 + 9 + 11.
10. Smallest number which when added to 7669 makes the resultant a perfect square

ACROSS:

2. Square of 19.
3. Look at the numbers given below and find the number which cannot be a perfect square.
81, 100, 144, 25000
7. Square root of 4489
8. Smallest natural number other than 1 which is a perfect square as well as a perfect cube number
10. Cube root of 357911.
11. Smallest number which when subtracted from 374695 makes the resultant a perfect square number.

1	2			6
3	5			
4	7	10		
			9	
11			8	