

HOLIDAY HOME WORK

CLASS 8 SUB: SCIENCE

Chapter 1 Crop Production and Management

Question 1.

Select the correct word from the following list and fill in the blanks.

float, water, crop, nutrients, preparation

(a) The same kind of plants grown and cultivated on a large scale at a place is called _____

(b) The first step before growing crops is _____ of the soil.

(c) Damaged seeds would _____ on top of the water.

(d) For growing a crop, sufficient sunlight and _____ and _____ from the soil are essential.

Question 2.

Match items in column A with those in column B.

A	B
(i) Kharif crops	(a) Food for cattle
(ii) Rabi crops	(b) Urea and superphosphate
(iii) Chemical fertilisers	(c) Animal excreta, cow dung, urine and plant waste

(iv) Organic manure	(d) Wheat, gram, pea
	(e) Paddy and maize

Question 3.

Give two examples of each.

- (a) Kharif crop
- (b) Rabi crop

Question 4.

Write a paragraph in your own words on each of the following.

- (a) Preparation of soil
- (b) Sowing
- (c) Weeding
- (d) Threshing

Question 5.

Explain how fertilisers are different from manure.

Question 6.

What is irrigation? Describe two methods of irrigation which conserve water.

Question 7.

What are the weeds? How can we control them?

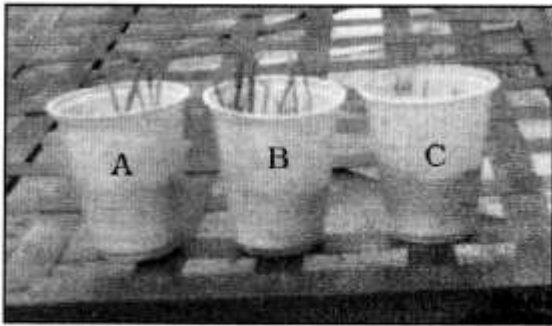
Activity 2 (NCERT Textbook, Page 6)

Jake moong or gram seeds and germinate them. Select three equal sized seedlings out of these. Now take three empty glasses or similar vessels. Mark them A, B and C. To glass A add little amount of soil mixed with a little cow dung manure. In glass B put the same amount of soil mixed with a little urea. Take the same amount of soil in glass C without adding anything [Fig. 1.2(a)]. Now pour the same amount of water in each glass and plant the seedlings in them. Keep them in a safe place and water them daily. After 7

to 10 days observe their growth [Fig. 1.2(b)].



► Fig. 1.2a Preparation of the experiment



► Fig. 1.2b Growing seedlings with manure and fertiliser

Chapter 2 Microorganisms Friend and Foe:

Question 1.

Fill in the blanks.

- (a) Microorganisms can be seen with the help of a _____
- (b) Blue-green algae fix _____ directly from the air to enhance the fertility of soil.
- (c) Alcohol is produced with the help of _____
- (d) Cholera is caused by _____

Question 2.

Tick the correct answer.

- (a) Yeast is used in the production of
 - (i) sugar
 - (ii) alcohol
 - (iii) hydrochloric acid
 - (iv) oxygen
- (b) The following is an antibiotic:
 - (i) sodium bicarbonate
 - (ii) streptomycin

- (iii) alcohol
- (iv) yeast

(c) Carrier of malaria-causing protozoan is:

- (i) female Anopheles mosquito
- (ii) cockroach
- (iii) housefly
- (iv) butterfly

(d) The most common carrier of communicable diseases is

- (i) ant
- (ii) housefly
- (iii) dragonfly
- (iv) spider

(e) The bread or idli dough rises because of:

- (i) heat
- (ii) grinding
- (iii) growth of yeast cells
- (iv) kneading

Question 3.

Match the organisms in column A with their action in column B.

A	B
(i) Bacteria	(a) Fixing nitrogen
(ii) Rhizobium	(b) Setting of curd
(iii) Lactobacillus	(c) Baking of bread

(iv) Yeast	(d) Causing malaria
(v) A protozoan	(e) Causing cholera
(vi) A virus	(f) Causing AIDS
	(g) Producing antibodies

Question 4.

Can microorganisms be seen with the naked eye? If not, how can they be seen?

Question 5.

What are the major groups of microorganisms

Question 6.

Name the microorganisms which can fix atmospheric nitrogen in the soil.

Question 7.

Write 10 lines on the usefulness of microorganisms in our lives.

Question 8.

Write a short paragraph on the harms caused by microorganisms.

Question 9.

What are antibiotics? What precautions must be taken while taking antibiotics?

*** Activity 5 (NCERT Textbook, Page 22)

Take two pots and fill each pot half with soil. Mark them A and B. Put plant waste in pot A and things like polythene bags, empty glass bottles and broken plastic toys in pot B. Put the pots aside. Observe them after 3-4 weeks.

KENDRIYA VIDYALAYA SECL DHANPURI

SUMMER VACATION HOME WORK

Class 8 A

How, when and where?

1. What is meant by colonization?
2. What is Periodisation? Why is it useful?
3. Do you think history consists of dates only? Explain your answer.
4. Why did the British build Record rooms in the administrative centers?
5. On what criterion did James Mill divide Indian history into Hindu, Muslim and British? What is the problem with this Periodisation?
6. What is an archive?
7. Name the sources used by Indian historians to study the past.
8. Why did the British carry out surveys?
9. Who were the first governor general and the last viceroy of India?
10. Why is the term 'modern age' as given by British historians not applicable to India?

CIVICS

THE INDIAN CONSTITUTION

1. Why does a democratic country need a constitution?
2. Explain the meaning of a welfare state.
3. How is the preamble an important part of the constitution?
4. Explain the work 'Justice' as given in the constitution of India.
5. What is meant by fraternity?
6. Explain the meaning of 'Federalism'.
7. Explain how the 'separation of powers' works in India.
8. Why are election important in a Democracy?
9. What are the 'Directive principles of State Policy'?
10. Name and explain the six fundamental rights

GEOGRAPHY

RESOURCES

2. Distinguish between the following:-
 - i. Natural and human made resources.

ii. Biotic and abiotic resource

KV SECL DHANPURI

SUMMER VACATION HOMEWORK (2021-22)

SUBJECT ENGLISH

CLASS - VIII

Q1. Write a paragraph once in a week describing how you spent your week.
(Total 6 Paragraphs)

Q.2. Revise the entire chapters which have been discussed yet and do the written practice of question answer.

Q 3. Write a short paragraph on “How you faced the pandemic situation at your home.”

Q 4. Paste at least your ten best pictures in a file and write minimum 50 words for each picture.

Q.5 Draft a story based on the following pictures.



Q.6 Use these words in your own sentences.

bizarre	imminent	Simulate
boycott	impel	simultaneous
capable	imperative	Source
cause	integrate	specific
characterize	interrogate	spontaneous
concise	narrate	universal
conclude	novice	validate
confiscate	obsolete	variable

Q.7. Collect the following information regarding Nagaland State.

1. When did it come in existence?
2. Name some important festivals of Nagaland.
3. Name some famous sports persons of Nagaland.
4. Write about flora and fauna of Nagaland (100 words)
5. Natural resources of Nagaland (100 words)

Q8. Solve the following Pisa Based Questions (CCT ASSIGNMENT) For English

Student Opinions

There are so many people out there dying from hunger and disease, yet we are more concerned about future advancements. We are leaving these people behind as we attempt to forget and move on. Billions of dollars are poured into space research by large companies each year. If the money spent on space exploration was used to benefit the needy and not the greedy, the suffering of millions of people could be alleviated.

ANA

The challenge of exploring space is a source of inspiration for many people. For thousands of years we have been dreaming of the heavens, longing to reach out and touch the stars, longing to communicate with something we only imagine could exist, longing to know... Are we alone? Space exploration is a metaphor for learning, and learning is what drives our world. While realists continue to remind us of our current problems, dreamer stretch our minds. It is the dreamers' visions, hopes and desires that will lead us into the future.

BEATRICE

We ruin rain forests because there is oil under them, put mines in sacred ground for the sake of uranium. Would we also ruin another planet for the sake of an answer to problems of our own making? Of course! Space exploration strengthens the dangerous belief that human problems can be solved by our ever-increasing domination of the environment. Human beings will continue to feel at liberty to abuse natural resources like rivers and rain forests if we know there is always another planet around the corner waiting to be exploited. We have done enough damage on Earth. We should leave outer space alone.

DIETER

The earth's resources are quickly dying out. The earth's population is increasing at a dramatic rate. Life cannot be sustained if we continue to live in such a way. Pollution has caused a hole in the ozone layer. Fertile lands are running out and soon our food resources will diminish. Already there are cases of famine and disease caused by over-population. Space is a vast empty region which we can use to our benefit. By supporting exploration into space, one day we may find a planet that we can live on. At the moment this seems unimaginable, but the notion of space travel was once thought of as impossible. Discontinuing space exploration in favour of solving immediate problems is a very narrowminded and short-term view. We must learn to think not only for this generation but for the generations to come.

FELIX

To ignore what the exploration of space has to offer would be a great loss to all mankind. The possibilities of gaining a greater understanding of the universe and its beginnings are too valuable to waste. The study of other celestial bodies has already increased our understanding of our environmental problems and the possible direction Earth could be heading in if we don't learn to manage our activities. There are also indirect benefits of research into space travel. The creation of laser technology and other medical treatments can be attributed to space research. Substances such as teflon have come out of mankind's quest to travel into space. Thus new technologies created for space research can have immediate benefits for everyone.

KATE

The stimulus for the unit Student Opinions consists of five short argumentative texts that offer opinions about space research. Because it is based on writing by students in their final year of school, the text is classified as educational in terms of situation. All of the short pieces that make up the stimulus for this unit are continuous, but as they were generated independently, and are juxtaposed for the purposes of the assessment, the format category is multiple texts. The stimulus is classified as argumentation, as the texts set forth propositions and attempt to persuade the reader to a point of view.

QUESTION A: Student Opinions

Which of the following QUESTIONS do the STUDENTS seem to be responding to?

- A. What is the major problem facing the world today?
- B. Are YOU in FAVOUR of space exploration?
- C. Do YOU believe in life beyond OUR planet?
- D. What recent advances have there been in space research?

QUESTION B: Student Opinions

Which one of the writers most directly contradicts Felix's ARGUMENT?

- A. Dieter.
- B. Ana.

C. Kate.

D. Beatrice.

QUESTION C: Student Opinions

Thinking ABOUT the main ideas presented by the five STUDENTS, which STUDENT do YOU agree with most strongly?

STUDENT's name:

Using YOUR own words, explain YOUR choice by referring to YOUR own opinion and the main ideas presented by the STUDENT.

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**KENDRIYA VIDYALAYA SANGATHAN
SECL,DHANPURI (M.P.)**

Summer vacation holiday's homework

(Session-2021-2022)

Class- VIII

SUBJECT-MATHEMATICES

Question 1. Write all the properties of rational numbers for addition and multiplication and learn them (project).

Question 2. Solve the following:-

- (i) Represent $-2/3$, $5/2$, $3/7$ on the number lines.**
- (ii) Find five rational numbers between**
 - (a) $1/2$ and $2/3$**
 - (b) $-3/5$ and $-4/7$**
 - (c) -2 and 0**
- (iii) Exercise 1.1- Question number-1,4,8,9.**
- (iv) Exercise 2.2- Question number-3,6,7,10,13,14, 16.**
- (v) Exercise 2.3- Question number-7,9,10.**
- (vi) Exercise 2.4- Question number-4,5,9,10.**
- (vii) Exercise 2.6- Question number- 2,4.**

Question 3. Complete exercise-2.3,2.4,2.6

Question 4. Revise chapter-1,2.

कक्षा -8 संस्कृत

- 1-पढ़ाए गए पाठों की पुनरावृत्ति करना है
- 2-1 से 100 तक की संस्कृत में गणना लिख कर कंठस्थ करना है
- 3-5 पेज सुलेख संस्कृत में लिखना है
- 4-किन्हीं 10 पदों का वर्णविच्छेद लिखना है!

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ग्रीष्मकालीन अवकाश गृह कार्य
कक्षा-8 (सत्र 2021-22)
विषय: हिंदी

प्रश्न-1

बसंत: निम्नलिखित में से किन्हीं दो पाठों का सारांश लिखिए

- क) ध्वनि
- ख) लाख की चूड़ियाँ
- ग) बस की यात्रा

प्रश्न-2 कोरोना और वर्तमान समय पर स्वरचित एक कविता लिखिए।

प्रश्न-3 'भारत की खोज' पुस्तक पर अपने विचार 100-150 शब्दों में लिखें।

प्रश्न-4 संज्ञा और सर्वनाम को भेद सहित लिखकर एक चार्ट तैयार करें।

प्रश्न-5 नागामी (नागालैंड) भाषा की एक वर्णमाला का एक चार्ट तैयार करें।