

Class :5

Time: 2 Hrs 15 minutes

Instructions

- 15 minutes cool-off time is allotted for reading and understanding the activities.
- Answer any six questions.
- Internal choices A & B are given to questions 3 and 6. You need to answer any one of these questions.

1.

- a) Teacher shows the following picture cards in the classroom and asks the children to categorise them with suitable titles.



Crane



Water



Frog



Stone

The table prepared by a child is given below. Fill in the blanks.

A.	Non-living things
Crane	B.
C.	D.

- b) Food cards prepared by two children are given in the picture below.

Creature : Crow
Food : Remains of dead organisms
 Grains
 Food waste
 Fruits



Card -A

Creature : Lion
Food : Snake
 Leaves
 Grains



Card -B

Which one is the correct food card?

Prepare a food card of any creature.

- c) Statement : The increase or decrease in the number of an organism will severely effect the existence of a habitat.

Reason : Every organism in a habitat depends upon each other for food.

- A. Statement is correct, Reason is incorrect
- B. Statement is incorrect, Reason is correct
- C. Both the Statement and the Reason is correct
- D. Both the Statement and the Reason is incorrect

2. The number of cancer patients is on the rise.
- Is cancer a communicable disease?
 - Classify the following diseases into communicable and non-communicable diseases.
(Cholera, Alzheimer's, Tuberculosis, Epilepsy)
 - A child was diagnosed with jaundice. After a few days his sibling was also diagnosed with the same disease. What is the name given to diseases that spread from one person to another?
Suggest precautions to be followed to prevent the spread of such diseases.

3. Answer 3(A) or 3(B).

3. (A)

- "I depend on a tree only for habitat. But I do not take anything from it. What type of plant am I?"
 A. Total parasite B. Semi-parasite
 C. Epiphyte D. Host plant
- Write two examples for total parasite plants.
- How do total parasites and semi-parasites differ in their intake of food?

OR

3. (B)

- Classify the following plants into total parasites, semi parasites and epiphytes. Prepare the table.

(Vanda, Loranthus, Cuscuta, Orchid, Sandal wood tree, Rafflesia)

Total parasites	Semi-parasites	Epiphytes
.....		
.....		

- 'All plants that grow on trees are not parasites.' Write your opinion on this statement.
4. Read the news headline.

The number of communicable diseases is increasing in the state. Health department is on high alert.

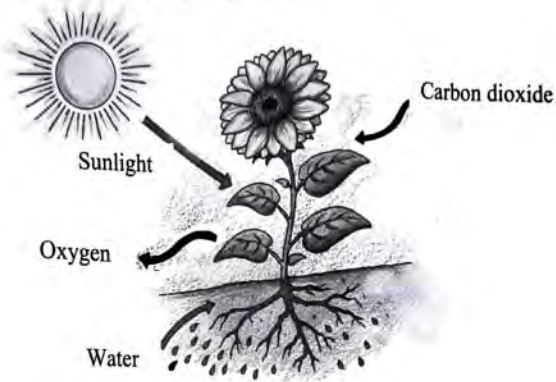
- Prepare a poster on prevention of communicable diseases.
- 'All micro-organisms are not harmful' – Do you agree with this statement? Why?

c) Names of a few diseases and pathogens are given below. Choose the correct pair.

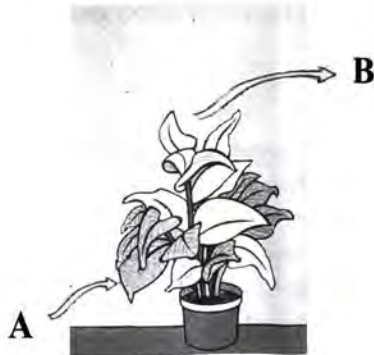
- | | | |
|-----------------|---|----------|
| A. Cholera | : | Virus |
| B. Covid 19 | : | Bacteria |
| C. Chickenpox | : | Virus |
| D. Tuberculosis | : | Fungus |

5.

a) Which process is illustrated in the picture given below.



b) Exchange of gases in plants during night is given below.



Which process is indicated in the picture?

Write the names of gases A and B.

- c) Listen to the conversation between two children.



Child - 1

Red spinach cannot make its own food because its leaves do not have green colour



Child- 2

It definitely can. Red spinach also makes its own food.

Which child's opinion do you agree with? Why?

6. Answer 6(A) or 6(B).

6. (A)

- a) Complete the table containing different diseases and their vectors.

Diseases	Vectors
Dengue fever	A.
B.	House fly
Leprosy	C.

- b) Write two suggestions to be presented in the school assembly about the importance of dry day.

OR

6. (B)

- a) Pathogens enter the human body through vectors. Complete the following table.

Disease	How it spreads
Tetanus	A.
Measles	through air
Typhoid	B.
AIDS	through body fluids

- b) What are the precautions to be taken to control vectors?
c) Which among the following is a vector?

(Virus, Fungus, Mosquito, Bacteria)