

First Terminal Evaluation 2018-19

Class 5

Basic Science

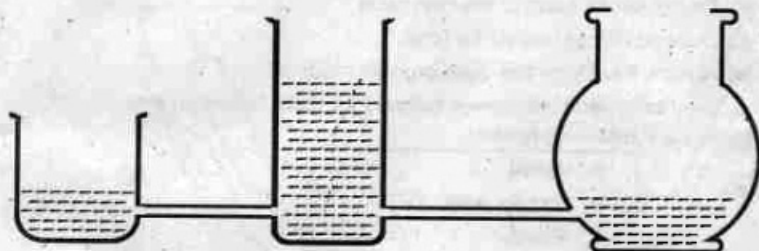
Time : 2 hours

Instructions

1. 15 minutes cool off time for reading the questions
2. Eight activities are given
3. Write any six activities

✓ **Activity -1**

A. Observe the following picture. Picturise it correctly if there is any mistake.



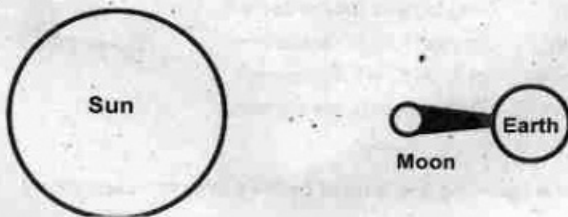
B. What property of water is mentioned in this experiment. Explain?

C. Find out the property of pure water from the list given below.

- | | |
|----------------------------|------------------------|
| i) Solution | ii) Universal solvent |
| iii) Does not conduct heat | iv) Has definite shape |

✓ **Activity -2**

Observe the picturisation.



- Identify the eclipse shown in the picture.
- When does the eclipse shown in the picture occur, during day or night?
- Write the name of the eclipse when the position of the Moon and the Earth interchanges? Picturise the eclipse.
- What peculiarity of the Earth and the Moon related to light causes eclipse?

Activity - 3

- A. All solid objects are opaque. Analyse this statement based on the solid objects glass, paper, leaf and tile.
- B. Design an experiment to prove your answer.
- C. When the light passes through an oiled paper.
- Light completely passes through it.
 - Light partially passes through it.
 - Light does not pass through it.

Activity - 4

- A. Find out the characteristic feature of parasitic plants from the following.
- Prepare their own food.
 - Do not cause harm to the host plant.
 - Depend on host plants for food.
 - Absorb food from the dead organic matters.
- B. Identify the features of each plant given below. Pair them based on their common features. Explain the reason.

- * Vanda
- * Sandal tree
- * Paddy
- * Loranthus
- * Orchid
- * Thulsi

- C. Find out the correct statements about mushrooms from the list given below.

- a) Belong to the group of fungi
- b) They are saprophytes
- c) Differ in colour and size
- d) No photosynthesis takes place

- Only (a) and (b) are correct.
- Only (a) and (c) are correct.
- (c) and (d) are not correct.
- All statements are correct.

Activity - 5

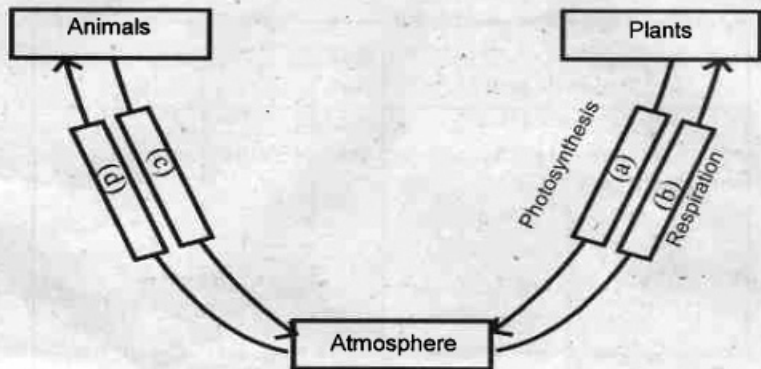
- A. Which one of the following gas is used by the plants for respiration?

- Carbon dioxide
- Oxygen
- Both Carbon dioxide and Oxygen
- None of these

B. Find out any two correct statements related to green plants from the given list.

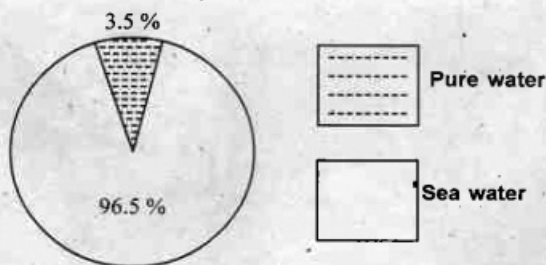
- ✖ Absorb Carbon dioxide during respiration.
- ✖ Respire during day and night.
- ✖ The same gas is used for photosynthesis and respiration.
- ✖ Photosynthesis takes place.

C. Complete the diagram by placing Oxygen and Carbon dioxide in the appropriate boxes.



Activity - 6

Analyse the following illustration related to the availability of water on Earth.



A. Write any two messages that you can give to the public based on your findings.

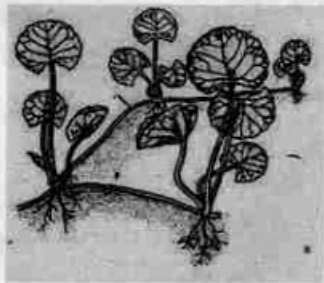
B. Find out the peculiarities of the substances given below related to water. Arrange them in the suitable box. Give appropriate titles.

Baking soda	Ghee
Kerosene	Sugar candy
Carbon dioxide	Vinegar

(a).....	(b).....
<ul style="list-style-type: none"> • • • 	<ul style="list-style-type: none"> • • •

Activity – 7

A. Observe the pictures. Write the name of each plant group.



a)-----

b)-----

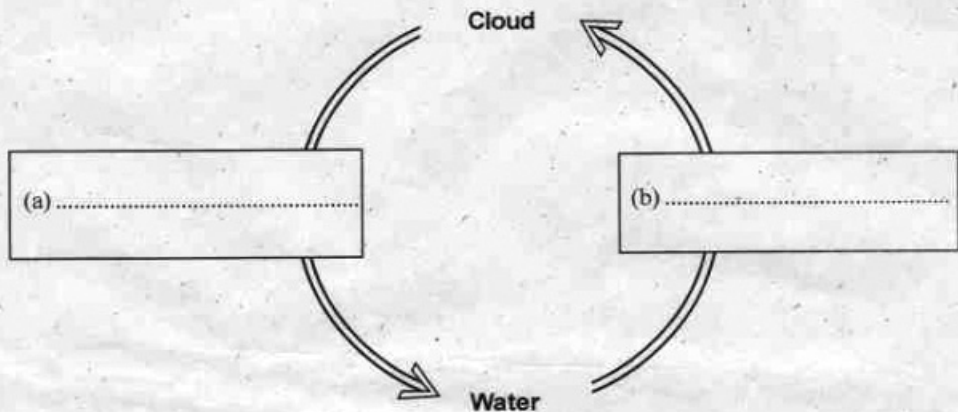
B. Write two more examples for the plant groups you have identified.

C. Which statement given below matches with the peculiarities of pepper plant?

- i. They use tendrils to climb up.
- ii. Receive food from the host plant.
- iii. They use special roots for respiration.
- iv. Clinging roots help to climb up.

Activity – 8

A. Complete the illustration.



- B. Even though we get enough rain, we face water scarcity. What happens to the water we get from rain? Explain.
- C. When it rains out side, the driver wipes the inner side of the glass of the vehicle to see the road clearly. Give reason.
- i. Water enters through the tiny pores of the glass.
 - ii. Water drops form on the inner side of the glass due to the exhaled air of the persons inside the vehicle.
 - iii. Water vapour inside the vehicle condenses and sticks on the glass.
 - iv. Water vapour sticks on the glass of the vehicle because inside the vehicle it is cooler than outside.