



KOTHARI INTERNATIONAL SCHOOL, NOIDA
ACADEMIC SESSION – 2023-2024
SUMMATIVE ASSESSMENT 2 - GRADE 5
SUBJECT – SCIENCE
SECTION 2

DURATION – 45 Minutes

Name: _____

Class: _____ Section: _____ Date: _____

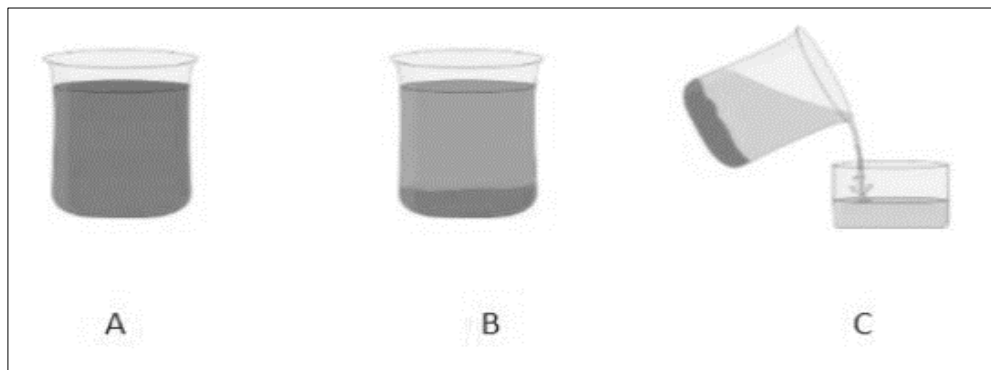
General Instructions:

1. This paper consists of 2 printed pages.
2. Read all the questions carefully.
3. All the questions are compulsory.

Q1. Answer the following questions in brief.

- a. Why does sand settle to the bottom of a glass of water when you leave it undisturbed for some time?
- b. How do polar bears survive extreme cold weather?
- c. Apart from the evaporation of water from the water bodies, think of two other ways in which water is released into the water cycle.

Q2. Observe the process taking place in the following diagram.



- a. What is the name of the process happening in B? Why is it happening?
- b. What is the name of the process happening in C? What is this process called?

Q3. Give reasons.

- a. It is important to pour off the liquid slowly and steadily during decantation.
- b. Desert snakes burrow deep into the sand during the day.

Q4. How are the physical features of a rainforest habitat different from those of a desert habitat? (Write any two differences)

Q5. Answer the following questions.



- a. Name the adaptation of the Living stone cactus.
- b. Why is it so called?
- c. How does its adaptation help it?

Q6. Read the following passage and answer the following questions.

The Arctic fox primarily resides in the Arctic tundra, which is characterized by freezing temperatures, icy landscapes, and limited vegetation. The Arctic fox has a thick, double-layered, waterproof fur coat that provides insulation against freezing temperatures. During winter, the Arctic fox's fur changes its colour to white, helping it blend into the snowy surroundings and avoid predators. In the summer, the coat turns brown or grey, matching the colour of the tundra.

- a. **Why is the Arctic fox's fur coat important for its survival?**
- b. **Why might it be advantageous for the Arctic fox to have a waterproof outer layer in its fur coat?**
- c. **How does the Arctic fox's ability to change the colour of its fur benefit its survival in its habitat?**

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