

SUMMATIVE ASSESSMENT 2
G. SCIENCE
CLASS VI

ASSIGNMENT NO.4

Unit-9 THE LIVING ORGANISMS AND THEIR SURROUNDINGS

Q1) Fill in the blanks:

1. Name a plant that can be grown in hot regions _____.
2. _____ and _____ are animals that can be seen in mountains.
3. The surroundings where an organism lives is called its _____.
4. The two components of environment are _____ and _____ components.
5. The process by which plants lose water is _____.
6. The process by which green plants prepare their own food is _____.
7. An animal which can survive in various climatic conditions is _____.
8. An animal like lion that eats other animals is called _____ and the animal that is eaten is called _____.
9. Dolphins breathe in air through _____.
10. Changes in our surroundings that make us respond to them are called _____.

Q2) Define adaptation. Write the adaptive features of a camel which help it to survive in a desert.

Q3) Explain acclimatization with the help of an example.

Q4) How do plants and animals obtain oxygen in saline water?

Q5) Explain how camel conserves water.

Q6) How do desert animals like rats and snakes escape from the intense heat during the day?

Q7) Name and explain the two types of habitats. Give example of a plant and an animal in each of these habitats.

Q8) What are the main abiotic factors required for the growth of plants?

Q9) How are cactus adapted to survive in a desert?.

Q10) What is the role of roots in terrestrial plants? How is it different from aquatic plants?

Q11) What features of a deer which help it to escape its predators in a grassland?

Q12) Explain how dolphins and whales breathe in air.

Q13) Write the structural adaptations of leaves in aquatic plants.

Q14) Write two adaptations found in stems of aquatic plants.

Q15) How are frogs adapted to live on both land and water?

Q16) What will happen if an organism is unable to adjust with its surroundings?

Q17) List the characteristics that are common to all living things.

Q18) Give some examples of responses of plants towards changes in their surroundings?

Q19) Define:

- Stimuli
- Excretion
- Reproduction

- Respiration

Q20) Give two examples each of animals which (i) Give birth to young ones and (ii) Produce their young ones through eggs.

Q21) Give two examples of plants which can reproduce through cuttings.

Q22) Explain an activity to show how sunlight affects the growth of a plant which is kept near a window.

Q23) When we push our hand deep inside a sack of wheat, we feel warm. Why?