

AMRITA VIDYALAYAM

HALF YEARLY EXAMINATION 2018 - '19

Std : IV

Marks : 50

Time : 2 hrs

SCIENCE

KNOWLEDGE

I. Fill in the blanks with suitable words. 5

1. The process by which food is prepared by plants is called _____.
2. The larva of a butterfly is called _____.
3. The round, yellow part in the bird's egg is known as _____.
4. The plant eating animals are called _____.
5. Plants that grow in water are called _____.

II. Name the following. 6

1. The breathing organ of mammals.
2. Two flesh eating animals.
3. One insectivorous plant.
4. Shedding of old skin or shell.
5. Baby frog.
6. Openings on the underside of a leaf.

III. Choose the correct answer. 4

1. The process by which living things produce more of their own kind is called _____. (reproduction, life span)
2. The term used when an animal sleeps for several months to protect itself _____. (digestion, hibernation)
3. The natural home of an animal is called _____. (habitat, adaptation)
4. Polar bears live in _____ areas. (cold, hot)

UNDERSTANDING

IV. State whether true or false. 4

1. A snake crawls on its legs.
2. Crow is an omnivore.

3. Croton does not have chlorophyll.
4. The plants that grow in marshy areas are called mangroves.

V. Match the following. 6

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|------------------|-------------------|
| 1. mushroom | underwater plant |
| 2. bat | planting of trees |
| 3. hydrilla | desert |
| 4. cactus | adaptation |
| 5. vanamahotsava | flying mammal |
| 6. camouflage | non-green plant |

VI. Give reasons. 2

1. Instead of heavy bones, aerial animals have light bones.

VII. Answer in one sentence. 3

1. From where do plants get carbon dioxide?
2. In what form extra food is stored in plants?
3. How do animals living in cold regions keep themselves warm?

VIII. Answer the following in two or three sentences. 10

1. The frog is an amphibian. How is it adapted to live on land and water?
2. How do breathing roots help a plant that grow in marshy areas?
3. How do plants without chlorophyll survive?
4. How do plants use their food?
5. How does the Venus Flytrap eat insects?

SCIENTIFIC SKILL

IX. Draw and label the life cycle of a butterfly. 4

X. Classify the following plants and animals according to their habitat. 6

monkey, duckweed, flying squirrel, fish, water lettuce, crab

Aquatic animal	Floating plant	Arboreal animals