

Name: _____

Grade: IV

Branch: _____

Date : 21/04/20

Subject: Science Key

Topic: Adaptation

1. Answer the following question.

What do you mean by the term habitat? What kind of habitat do you show?

The natural home or environment of an animal, plant, or other organism.

2.Odd one out

Find out the stranger and give reason for your answer.

- a) Lilly, Hydrilla, Lotus, Cuscuta. Cuscuta, because it is a parasitic plant.
- b) Camel, Scorpion, Armadillo, Reindeer. Reindeer, other three show desert adaptation.

3.Give reason for the following:

(a). Lotus plant have broad leaves with waxy coating. Broad leaves help the plant to float in water and waxy coating don't allow water to start on leaf to prevent spoilage

(b). Lotus has long hallowed stem. The halloes stem help the plant to float in the water. Aquatic adaptation

4. " Animals and humans show adaptation". Justify the given statement.

To survive and thrive in the environment. Some adaptations are climate change, migration, food etc.,

5. List some epiphytes. Mosses, Ferns and many Orchids

6. Solve this: If a Venus flytrap, traps five insects in one minute. How many insects will it trap in an hour? Venus flytrap trap 300 insects in an hour.

7. Imagine there is no adaptation shown by the organisms. What would happen? If organisms cannot adapt to the changes in their ecosystem, they May become threatened, endangered or extinct.

8. I am a non-green plant. I absorb food from dead and decaying plants and animals. Who am I? Under which category do you put me in (autotroph or heterotroph). Mushroom (saprophyte). It shows heterotrophic mode of nutrition.