



# RADIANT SCHOOL

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Class: 7th

Subject : Science

Total Marks: 10

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Chapter: 1

Time:

Science 10 marks

## Answer Key

Q.1) Solve Following Questions (Any 5)

[10]

1) null

Aquatic plants	Desert plants
1) Roots of the desert plants penetrate deep in the soil in search of water. 2) Stems are modified. They are fleshy and green. 3) Leaves are absent or reduced to spines or thorns. If present they are like small needles. Ex. Cactus, Acacia	1) Some aquatic plants have roots firmly grounded in the soil at the bottom of the water body. Some plants have roots floating in water. They are fibrous and small. 2) The petiole and stem are soft, hollow and flexible and have air spaces. 3) The leaves of the aquatic plants are narrow ribbon like. Ex. Lotus, Eichhornia

2) Fungus lacks chlorophyll and thus is unable to perform photosynthesis.

3) The carnivores animals use the canine teeth to prerace and hold the prey caught by them.

4) Adaptation are the modifications seen due to gradual changes in the body parts and in the behaviour of plants and animals. These long-term changes help them to adjust to their surroundings.

5) i) Bos taurus ii) Hibiscus rosa-sinensis

6) null

Carnivores	Herbivores
1) Herbivores feed only on plant matter. 2) They have strong molars for grinding the tough vegetable matter. 3) Their eyes occupy sides of the head and are situated below the forehead. 4) The legs of herbivore are slender, long and tapering. 5) There are strong hooves on each leg. 6) They have long and freely moved ears for receiving sounds from long distances. This alertness can save them from predators. Ex. Cow, horse, deer	1) Carnivores hunt and eat the flesh of their prey. 2) They have pointed canines to kill the prey. 3) Their eyes are located in front of their head. They are forward focused. 4) The legs are strong. 5) The legs bear sharp claws and pads. Pads help in silently stalking the prey and then capturing it. 6) They have small ears but good vision to locate prey Examples : Lion, tiger, cat, fox

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