

The Living Organisms and their Surroundings

I. Fill in the blanks:

1. Fish have _____ shaped body that help them to move inside water.
2. Small changes that take place in the body of a living organism over a short period to overcome to some problems due to changes in the surrounding are called _____.
3. In the mountain regions, the trees are normally _____ shaped.
4. The process of producing more of their own kind by the living organisms is called _____.
5. Frogs have _____ feet that help them to swim in water.
6. Dolphins and whales breathe through _____.
7. The process of getting rid of wastes by the living organisms is called _____.
8. The stems of aquatic plants are long, _____ and _____.
9. During respiration, organisms take in _____ and give out _____.
10. Exchange of gases in plants take place through the tiny pores on the leaves called _____.

II. Write true or false:

1. Several kinds of plants and animals share the same habitat:
2. The light brown skin of the lion helps it to become a predator in the grassland:
3. Desert animals like snakes and rats come during the day:
4. The animals which cannot adapt to changing abiotic factors of a region die out and only adapted ones survive:
5. Animals living in mountain regions have thick skin or fur:
6. Plants donot show respond to stimuli:
7. Some plants remove some of their waste products as secretions :
8. Camels excrete large amount of urine and their dung is wet:
9. Plants carry out photosynthesis only during the daytime and respiration only at night:

III. Name the following:

1. Two terrestrial habitats.
2. Two aquatic habitats.
3. Two plants and two animals of mountain regions
4. Four important abiotic factors needed for growth of plants
5. Breathing organs of fish and earthworms.
6. Any three modes of reproduction by plants.

IV. Define the following:

- i. Adaptation
 - ii. Stimuli
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V. Distinguish between:

- i. Biotic and abiotic factors.
- ii. Terrestrial organisms and aquatic organisms.

VI. Draw, colour and label:

- 1) a desert plant.
- 2) an aquatic plant

VII. PROJECT:

Stick pictures of any two plants and two animals belonging to each of the following habitats:

1. Deserts
2. Mountain regions
3. Grasslands
4. Ponds/lakes.

VIII. Fill in the blanks :

1. Organisms in oceans are surrounded by _____ water.
2. Gills help fishes to use _____ dissolved in water.
3. Plants and animals living on land belong to _____ habitat.
4. Photosynthesis in desert plants is carried out by the _____.
5. Exchange of gases in plants takes place through _____.
6. In mountain regions trees are normally _____ shaped and have _____ branches.
7. Changes in our surroundings that make us respond are called _____.
8. Animals like rats and snake live in _____ during day to stay away from heat.
9. Breathing is a part of the process of _____.
10. _____ protect the fishes and help in easy movement through water.

IX. Write True or False :

1. Animals and plants are abiotic factors.
2. Dolphins and whales do not have gills.
3. Skin of fishes is covered with scales.
4. Leaf like structure in cactus is its stem.
5. Yak is adapted to mountain habitat.

X. Give answer in one or two words :

1. Give 2 examples of aquatic habitat.
2. Give 2 examples of terrestrial habitat.
3. Give 2 examples of aquatic plants.
4. Name two animals found on mountains.