

# Organisms And The Surroundings Where They Live

## Habitat and Adaptation:

1. What is adaptation?
2. What are aquatic habitats?
3. Explain abiotic components.
4. What is habitat?
5. What are terrestrial habitats? Give examples.
6. What are biotic components?

## Journey Through Different Habitats:

1. Out of desert and aquatic plants whose roots are almost absent.
2. Plants in hilly areas have to bear high speed winds and cold. Which adaptation best helps them to face such conditions?
3. Name the respiratory organ in
  - (a) Terrestrial animals
  - (b) aquatic animals (fish)
4. What is the ultimate source of energy for every ecosystem? Which biotic components can trap solar energy and how?
5. What are nocturnal animals? Give two examples of nocturnal animals.
6. Why head and snout of snake is tapering?
7. Which plants have leaves without pores?
8. Give one example of
  - (a) Free floating plant
  - (b) plants without root.
9. Give three main adaptive features in desert plant.
10. Mountain is special terrestrial habitat where temperature is very low and most of the areas are covered with snow. What is flora and fauna of this habitat at higher altitudes?
11. If strong winds blow only in one direction, what will be the effect on trees?
12. How do the animals living in cold places protect them from cold conditions?
13. What is the adaptation mechanism of chameleon?
14. Why do camels have Long legs?
15. What adaptation of desert animals protect themselves from deficiency of water?
16. How fish are adapted to live in water?

### Characteristics of The Living Beings:

1. What are the different types of reproduction?
2. What do you understand by life cycle and life span of a living thing?
3. What are the main characteristics of the living objects?
4. What is life?
5. List the important characteristics of living things, which differentiate them from non-living things.
6. What is reproduction?
7. What do you mean by vegetative propagation in plants?
8. "All living things respond to external stimuli". Explain.
9. Indicate which of the following are living and which are non-living:  
Buffalo, grass, grasshopper, table, aeroplane, pencil, bicycle, crow, banyan tree.
10. Why bacteria and viruses are considered as 'Immortal'?
11. Name the organs which are used by following animals for walking:  
Birds, Fish, Horse
12. Name the type of locomotion in following animals:  
Fish, earthworm, cow, birds, frog