

PARAGON CONVENT SCHOOL

SECTOR : 24 B, CHANDIGARH

LESSON - 10

ADAPTATIONS : HOW ANIMALS SURVIVE

Summary:

- On the basis of habitat, animals are classified as terrestrial, aquatic, amphibian, arboreal and aerial.
- Animals adapt themselves to survive in extreme weather conditions and to protect themselves from enemies.
- Different animals have different eating habits.
- We should take steps to conserve animals that are in danger of becoming extinct.

Multiple Choice Questions (Page No. 76)

1. (a) 2. (a) 3. (c)

Multiple Choice Questions (Page No. 78)

1. (c) 2. (b) 3. (a)

EXERCISES

Section A

Oral Questions

Q1.- What kind of animals do you see in a zoo?

Ans.- We see various kinds of animals in a zoo like terrestrial, aquatic, amphibian, arboreal and aerial.

Q2.- Why do aquatic animals not survive on land?

Ans.- Aquatic animals cannot breathe on land and that is why, they cannot survive on land.

Q3.- How does a porcupine protect itself?

Ans.- A porcupine protects itself by using the sharp spines present on its body.

Science Quiz

Q1.- Name a camouflaging animals.

Ans.- Arctic foxes / Chameleons / Zebras.

Q2.- Name an aerial animal.

Ans.- Pigeons / Parrots / Bats.

Q3.- Name a scavenger.

Ans.- Vultures / Hyenas.

Worksheet

Multiple Choice Questions

1. (b) 2. (a) 3. (b)

Circle the odd ones. Give reason for your choice

1. Cow Tiger Buffalo

Ans.- Tiger - Others are herbivores, whereas tiger is a carnivore.

2. Mosquito Lice Crow

Ans.- Crow - Others are parasites, whereas crow is an omnivore.

3. Vulture Tiger Hyena

Ans.- Tiger - Others are scavengers, whereas tiger is a carnivore.

Fill in the blanks with the help of the given words

1. habitat 2. terrestrial 3. scavengers
4. aerial 5. Herbivores

Write 'T' for true and 'F' for false statements.

1. False 2. True 3. True 4. False

Identify the following animals and write their names in the spaces provided

1. Hedgehog 2. Bug 3. Polar bear

Section B

Multiple Choice Questions

1. (c) 2. (a)

Very short answer questions.

Q1.- Name an animals that can change its body colour according to the surroundings.

Ans.- Chameleon

Q2.- Name an arboreal animal.

Ans.- Monkey

Q3.- Name a migratory bird

Ans.- Siberian crane, Arctic tern.

Short answer questions

Q1.- What is camouflaging?

Ans.- The colour and shape of some animals like zebras and leaf insects are such that they can merge with the surroundings. This is called camouflaging.

Q2.- How does a polar bear survive in polar region?

Ans.- A polar bear survives in polar region because of the following features -

(a) It has thick fur on its body to keep it warm.

(b) It has a thick layer of underskin fat called blubber to keep it warm.

Q3.- Lice live on the body of other animals and suck their blood.

a) What are the animals that live on the body of other animal's body called?

b) Is it good to be dependent on other people for your work? Why / Why not?

Ans.- (a) The animals that live on other animal's body are called parasites.

(b) It is not good to be dependent on other people for our work. We should be independent and try to do all our work ourselves as it increases our confidence.

Once we get dependent on others, we feel we cannot do anything on our own and it also becomes our habit.

Q4.- Why do porcupine have spines?

Ans.- Porcupines have sharp spines to protect themselves from their enemies.

Q5.- Why is frog called an amphibian?

Ans.- A frog is called an amphibian because it can live both on land and in water.

Long answer questions

Q1.- Why do Siberian birds leave their homes in winters? What is this phenomenon called?

Ans.- Siberian birds cannot survive in extreme cold weather of Siberia. So, they leave their homes in winter and fly thousands of kilometres to warmer places in search of food and shelter. They go back to their native places when winter ends there. This phenomenon is called migration.

Q2.- What are endangered animals? Why do we need to protect them?

Ans.- The animals that are in danger of becoming extinct are called endangered animals. Due to various human activities, like cutting of forests to build factories, houses and roads, existence of many animals is in danger. We need to protect them because they may become extinct in the coming years. Their protection is also necessary to maintain the balance in nature.