

SCIENCE

CHAPTER – 3

EATING HABITS OF ANIMALS

All living organisms need food to grow and remain healthy. Food gives as energy to work and play.

Animals can be classified according to their eating habits. It can be divided into three classes- herbivores, carnivores and omnivores.

Herbivorous – Animals that eat only plants are called herbivorous animals or herbivores or plant eating animals. Example – cow, deer, goat, elephant, rabbit and many more.

Carnivorous – Animals that eat only flesh of other animals are called carnivorous animals or carnivores. Or flesh-eating animals. Example – crocodile, tiger, wolf and leopard.

Omnivorous – Animals that eat both plants and animals are called omnivores. Example – bear, rat, dog, cat and many more. Human being is also known as omnivores.

Now, different animals eat their food in different ways. Their mouth, jaws and teeth depend on the food that they eat.

***Animals that tears and chew flesh**

Flesh eating animals have special long, pointed teeth to tear the flesh. They also have strong grinding teeth to chew the meet and bones.

*** Animals that eat grass and chew cud.**

Animals eating grass and leaves of plants have sharp, flat front teeth. They also have strong and broad back teeth to chew their food. Animals like cow, buffalo and goat swallow their food first without chewing. Then after when the rest, bring this food back to their mouth and chew it properly. This is known as chewing the cud.

*** Animals that gnaw.**

Some animals have very sharp front teeth help them to break hard seeds, fruits or nuts which they gnaw. Example – rabbit, squirrel, mouse and many more.

***Animals that swallow their food**

Some animals like snakes, frogs and lizard swallow their food without chewing it. They swallow their food directly from the mouth. A snake can swallow animals which are bigger than it.

***Animals that suck their food**

Some animals take liquid food by sucking for this they have a special and developed kind of mouth parts. They basically don't have teeth. Example – leech, mosquito and butterfly.

***Animals that lap up their food**

Some animals are very good in quick movement of their tongue to drink milk or water which is known as lapping. For example – dog and cat.

***Food chain** – The chain of eating or being eaten is called food chain. A food chain shows how each living things gets food and how nutrients and energy are passed from one creature to another. Basically, all animals depend on plants for their food directly or indirectly. Thus, a plant is always the beginner of a food chain.

NOTE: KINDLY DO THE FOLLOWING EXERCISES AND QUE/ANS IN NOTEBOOK.

Exercise:

A. Write True or False.

1. Butterflies are blood-sucking animals. **False**
2. Frogs chew their food. **False**
3. Snakes are herbivorous animals. **False**
4. Bear is an omnivorous animal. **True**
5. Buffaloes swallow their food after chewing. **False**
6. The process of eating and being eaten is called a food chain. **True.**

B. Fill in the blanks.

1. Cats lap milk with their tongue.
2. Herbivorous animals are plant-eating animals.
3. Carnivorous animals are flesh-eating animals.
4. Omnivorous animals eat both flesh and plant.
5. Rabbits gnaw their food.

C. Match the following.

- | | |
|--------------------------------|---|
| 1. Flesh-eating animals | (a) Leech 4 |
| 2. Plant-eating animals | (b) Swallow food without chewing 5 |
| 3. Animals which live in water | (c) Carnivorous animals 1 |
| 4. Blood-sucking animal | (d) Herbivorous animals 2 |
| 5. Lizard | (e) Fish 3 |

D. Answer the following question:

Q1. What are carnivorous animals?

Ans. Animals that eat flesh of other animals are called carnivorous animals.

Q2. Give two examples of omnivorous animals.

Ans. The two examples of omnivorous animals are bear and dog.

Q3. How do leeches and butterflies eat food?

Ans. Leeches and butterflies do not have teeth. Thus, they eat food by sucking it.

Q4. How do carnivorous animals eat their food?

Ans. Carnivorous animals hunt and eat only flesh of other animals.

Q5. What is food chain?

Ans. The chain of eating and being eaten is called a food chain. For example- grass- grasshopper- frog- snake- eagle.

Q6. What is chewing the cud?

Ans. Some animals first swallow their food without chewing, while resting they bring the food back into their mouth and chew properly. This is known as chewing the cud. Example - cow, buffalo and goat.

Q7. How do lizards and frogs catch their food?

Ans. Lizards and frogs catch food with their sticky tongues.

Q8. Make a food chain of the following animals: robin, worm and hawk.

Ans. Worm - robin - hawk.