

Board – CBSE

Class – 6

Topic – Food: Where does it come from?

1. Do you find that all living beings need the same kind of food?

Solution:

No, all living beings do not need the same kind of food. Some animals eat plants as food, and they are called herbivores. Some animals feed on other animals, and they are called as Carnivores. Some others eat food from plant sources as well as animals, and such living beings are called omnivores.

2. Name five plants and their parts that we eat.

Solution:

Brinjal- Fruit

Groundnut- Seed

Potato- Stem

Spinach- Leaves

Beetroot- Roots

3. Match the items given in Column A with that in Column B

Column A	Column B
Milk, Curd, Paneer, Ghee	Eat other animals
Spinach, Cauliflower, carrot	Eat plants and plant products
Lions and tigers	Are vegetables
Herbivores	Are all animal products

Solution:

Column A	Column B
Milk, Curd, Paneer, Ghee	Are all animal products
Spinach, Cauliflower, carrot	Are vegetables

Lions and tigers	Eat other animals
Herbivores	Eat plants and plant products

4. Fill up the blanks with the words given: herbivore, plant, milk, sugarcane, carnivore

- (a) Tiger is a _____ because it eats only meat.
- (b) Deer eat only plant products and so, is called _____.
- (c) Parrot eats only _____ products.
- (d) The _____ that we drink, which comes from cows, buffaloes and goats, is an animal product.
- (e) We get sugar from _____.

Solution:

- (a) Tiger is a carnivore because it eats only meat.
- (b) Deer eats only plant products and so, is called herbivore.
- (c) Parrot eats only plant products.
- (d) The milk that we drink, which comes from cows, buffaloes and goats is an animal product.
- (e) We get sugar from Sugarcane.

Long answers

5. What are Herbivores, Carnivores and Omnivorous animals with examples for each?

Solution

Directly or indirectly all living beings depends on plants for their food.

Herbivores: Animals like cows, deer, sheep etc. who feed only on plants are called herbivores.

Carnivores: Animals such as Lion, tiger etc. who eat other animals are Carnivores.

Carnivores do not feed on plants.

Omnivores: Some animals feed on both plants and animals for example foxes, bears etc. Such animals are called Omnivores.

6. Explain the various sources of Food.

Solution

We have two types of sources of food

1. Plants as Food: This group of food sources includes

- Variety of seeds
- leaves, stems, roots and flowers of certain plants.
- Some examples include cauliflower, beat roots, carrots, spinach, rice, pumpkin seeds etc.

2. Animal products as food: This group of food sources includes

- Milk is generally obtained from cows, buffaloes and goats.
- Animal meat
- Eggs

7. Why are Scavengers important for the environment?

Solution Scavengers have an important role to play in the food chain. They keep an ecosystem free of the bodies of dead animals and their decaying flesh. Scavengers break down this organic material and recycle it into the ecosystem as nutrients. For Example:

Vultures who are scavengers, only eat the bodies of dead animals.

8. Give two examples of each

Herbivores
Omnivores
Plants whose roots are edible
Plants whose stem is edible
Carnivores
Scavengers
Plants whose flower is edible

Answer

Herbivores	Sheep Goat
Omnivores	Human, bear
Plants whose roots are edible	Carrot, radish

Plants whose stem is edible	Sugarcane, Potato
Carnivores	Lion, tiger
Scavengers	Vulture, Jackal
Plants whose flower is edible	cauliflower,Pumpkin

9. Differentiate among the following:

i) Herbivores and Carnivores

Herbivores	Carnivores
1. They eat only plant products.	They eat flesh and meat of other animals.
2. They have strong grinding teeth.	They have sharp tearing teeth or canines.
3. Examples: giraffe, goat, cow, deer, etc.	Examples: lion, tiger, hyena, leopard, etc.

ii) Carnivores and Omnivores

Carnivores	Omnivores
1. They eat flesh and meat of other animals.	They eat both meat and plants.
2. They have sharp tearing teeth or canines.	They have a combination of sharp front teeth and molars for grinding.
3. Examples: lion, tiger, hyena, leopard, etc.	Examples: human, bear, dog, etc.

iii) Parasites and Scavengers

Parasites	Scavengers
1. They live inside or on the body of the host.	They feed on dead and decaying matter.
2. Their organ systems are not well developed.	Their organ systems are well developed.

3. They harm their host.

They clean the environment.