



Chapter 1

Food: Where Does It Come from?

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

Answer: No. Different animals eat different kinds of food as per their body structure and internal organs. Depending on kind of food they eat, animals are divided into three basic categories:

Herbivores: Animals which feed on plants and plant products are called herbivores. Examples: cow, goat, elephant, deer, etc.

Carnivores: Animals which feed on other animals are called carnivores. Examples: lion, tiger, fox, etc.

Omnivores: Animals which feed on both plants and animals are called omnivores. Examples: crow, cat, dog, etc.

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

Answer:

Apple – Fruit

Mango – Fruit

Potato – Stem

Carrot – Root

Spinach – Leaf

Wheat – Seed

Cauliflower – Flower

Question 3: Match the items given in Column A with that in Column

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

Answer:

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

Question 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 eats only plant products and so is called _____ .
 (c) Parrot eats only _____
 (d) The _____ that we drink, which comes from cows, buffaloes and goats is an animal product.
 (e) We get sugar from _____ .

Answer: (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**.

Extra Questions

Short Type Questions & Answer

1: Give example of a plant having more than one edible part. What are those parts?

Answer: Mustard plant's seeds give us oil and its leaves are used as vegetables.

2: How can you make sprouts at home?

Answer: Put small quantity of seeds in a container filled with water and leave this for one day. Next day drain the water completely and leave the seeds in the vessel. Wrap the seeds with a

piece of wet clothes and open it in the following day, we will observe a small white structure have grown out of the seeds, seeds with such small white structure are called sprouted.

3: Differentiate between the products that we get from plants and animals.

Answer: Plants give us products like Grain, cereals, vegetables and, fruits. But animals give us products like milk and milk products, egg, meat, chicken, fish, prawn, beef, pork etc.

4: How do we get honey?

Answer: A bee collects nectar from flowers, converts it into honey and stores it in their hive. These honeys are collected from beehives and are used as food products.

5: Differentiate between herbivores and omnivores

Answer:

Herbivores	Omnivores
1. Feeds on plants and plants products.	1. Feeds on both plants and animals
2. Cow, goat and deer are herbivores.	2. Example: Human beings, rat etc.

6: Differentiate between herbivores and carnivores?

Answer:

Herbivores	Carnivores
1. Feeds on plants and plants products.	1. Feeds on flesh of other animals
2. Cow, goat and deer are herbivores	2. Lion, tiger and leopard are carnivores

7: What do you mean by omnivores and carnivore animals?

Answer:

Omnivores	Carnivores
1. Feeds on both plants and animals.	1. Feeds on flesh of other animals
2. Example: Human beings, rat etc.	2. Example: Lion, tiger, leopard etc.

8: What do animals eat?

Answer: Different animals have different feeding habit. Some eat green plans and plant products and are called herbivores like cow and deer. Some feed on flesh of other animals and

are called carnivores. Like lion. Some animals eat both plants and animals and are called omnivores, like humans, rat etc.

9: Name five plants and their parts that we eat.

Answer: Following are the five plants products:

1. Apple tree -fruit
2. Wheat plant- Seed
3. Potato plant- Stem
4. Beetroot- Root
5. Spinach plant- Leaves

10: State all milk products.

Answer: Ghee, paneer, cheeses, butter, ice-cream, yogurt etc.

11: What do you mean by vegetarian food?

Answer: All food products that we get from plants and plants products are called vegetarian food products. Like cereals, grains vegetables and fruits.

12: What is non- vegetarian food?

Answer: Food products like chicken, meat and their products are called non-vegetarian food products.

13. Define the term food.

Answer: Eatables taken by human beings and animals which provide them energy for various activities, for growth and good health, are called food.

14. What do you mean by food habit?

Answer: The habit of an individual owing to which it takes a particular type of food depending on its taste and availability is called food habit.

15. Define the term ingredients.

Answer: The materials that are needed to prepare a particular type of dish are called ingredients.

16. Why should we eat cooked food?

Answer: Cooked food is easily digested by our body. It also kills harmful germs. Cooking increases the taste of the food. That is why we should prefer cooked food.

17. Write the food habits of the people in Tamil Nadu and Punjab.

Answer: Tamil Nadu: Idli, Dosa, Sambhar, Banana Chips, Coconut oil, etc.
Punjab: Lassi, Paratha, Pulses, Chapatis, etc.

Long Question & Answer

1: Explain different mode of nutrition in animals.

Answer: Different animals have different feeding habit. Some eat green plans and plant products and are called herbivores like cow and deer. Some feed on flesh of other animals and are called carnivores. Like lion. Some animals eat both plants and animals and are called omnivores, like humans, rat etc.

2: Explain the importance of food for living organisms.

Answer: Food is needed by all living organisms for the following reasons:

- It provides us energy to do various activities.
- It helps in growth.
- It helps in repair and replacement of damaged parts of the body.
- It protects us from infections and diseases.

3. Whether plants or animals give us more varieties of food? Explain.

Answer: We know that animals give us meat, eggs, milk, honey and few other varieties of food only. On the other hand, plants provide us a large varieties of food. For example, cereals, pulses, fruits, oil, fats, vegetables, sugar and a large number of other products. Thus, we can conclude that plants give us more varieties of food.

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