

Food- Where does it come from

Fill in the blanks: -

1. The _____ substances in the food which our body needs are called _____.
2. _____ protects our body from various diseases and replace worn out cells.
3. _____ and _____ are two food items which we get from earth.
4. Green plants need _____, _____ and _____ to prepare their food.
5. The underground stem of _____ and _____ plants are used as vegetables.
6. _____ cannot prepare their own food.
7. _____ and _____ are herbivores.
8. _____ swallow their prey as whole.
9. _____ have long, large pipe instead of teeth.
10. Honeybees collect _____ from flowers to make honey.

Define the following: -

1. Food-
2. Nutrients-
3. Carnivores-
4. Producers-
5. Herbivores-
6. Omnivores-
7. Scavengers-
8. Parasites-
9. Food Chain-
10. Decomposers-

Tick the correct option

1. It gives us energy and replaces worn out cells. (food/ blood)
2. They eat dead bodies and help to keep the surroundings clean. (carnivore/ scavengers)
3. All food chains start from this. (plants/ animals)
4. The part of sugarcane plant which is used to get sugar. (leaves/ stem)
5. This is a fruit of the plant but eaten as a vegetable. (brinjal/ beans)

6. Bees use this part of the plant to get honey. (flower/ fruit)
7. We eat the flower of this plant. (gladiolus/ lilly)
8. We eat the roots of this plant. (potato/ carrot)
9. We eat the leaves of this plant and seeds are used for making edible oil. (mustard/ sunflower)
10. It lives inside the body of other animals. (earthworm/ hookworm)

Write short answers: -

1. Why do we need food?
2. What are the functions of food?
3. Name two ingredients which we use in cooking but they do not come from plants animals. Name the source of these ingredients.
4. Why green plants are called as producers?
5. Name four animals which give us milk.
6. Name different parts of the plant where extra food is stored.
7. Name two plants whose flower is eaten as a vegetable.
8. Why all animals are dependent on plants for their food?
9. Name four animals which give us eggs.
10. What is the primary source of energy for all plants and animals.
11. How do scavengers and decomposers help in keeping the surrounding clean?
12. Humans can cook their own food. Can they be called as producers?
13. Name five food items which come from plants and five which come from animals.
14. Name two food items which has two or more edible parts. Mention what we get from which part.
15. Mention and explain how animals store their food.
16. Name the plants which give us oil.
17. Name the oil which is a rich source of Vitamin A. What is the source of this oil?
18. Name the food item which comes from insects.
19. Water + sunlight + _____ = food of plants
20. Name two examples of decomposers.
21. What is sprouting?

Write true or false and correct the incorrect statement: -

1. Green plants prepare their food from living things.
2. Animals can make their own food.
3. Herbivores have flat, grinding teeth in the front.
4. Herbivore birds have strong, pointed beaks.
5. Cockroach is an omnivore.
6. Animals which depend on other living beings for their food are called scavengers.
7. A food chain tells us how all living beings survive.

Find the odd one out:

Jackals, Hyenas, Vultures, Bear

Tapeworms, Roundworms, Earthworms, Hookworms

Fleas, Leeches, Bugs, Hookworms

Coconut oil, sunflower oil, mustard oil, cod-liver oil

Groundnut oil, Butter, Milk, Eggs

Ladyfinger, Pumpkin, Brinjal, Potato

NCERT Answers-

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

No

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

Parts of the plant	Food
Roots	Sweet Potato, beetroot, radish, carrot
Stems	Potato, Ginger, Turmeric, Garlic
Leaves	Cabbage, Lettuce, Spinach,
Flower	Banana flower, jasmine, dandelion, sunflower
Fruits	Lady Finger, Tomato, Apple, Orange, Pumpkin

3. Match the items in column A with Column B

Column A	Column B
Milk, Curd, Paneer, Ghee	All are animal products
Spinach, Cauliflower, Carrot	Are vegetables
Lions and Tigers	Eat other animals
Herbivores	Eat plants and plant products

4. Fill in the blanks

1. Tiger is a carnivore because it eats only meat.
2. Deer eats only plant products and so, is called herbivore.
3. Parrot eats only plant products.
4. The milk that we drink, which comes from cows, buffaloes and goats is an animal product.
5. We get sugar from sugarcane.

Some solved questions

1. What are the main nutrients in food?
- Carbohydrates, proteins, fats, vitamins, minerals, and water.
2. Name three types of animals based on their food habits.
- Herbivores, carnivores, and omnivores.
3. What is the role of decomposers in a food chain?
- Decomposers break down dead organisms and recycle nutrients back into the soil.
4. Give an example of a food chain.
- Grass → Grasshopper → Frog → Snake → Hawk.
5. Why is it important to understand food sources?
- It helps us make better choices, appreciate diversity, and protect ecosystems.

OXFORD answers

A. Fill in the blanks:

1. Green plants are known as producers because they prepare their own food.
2. The stems of sugarcane plant is used to prepare sugar.
3. Honey is collected from beehives and has medicinal value.
4. Butter is made by churning fresh cream.
5. A scavenger feeds on the flesh of dead animals.

B. Choose the correct option:

1. The flowers of which of these plants is eaten as vegetables. Broccoli, Banana and Cauliflower
2. The seeds of this plant are used as spices. Cumin
3. Which of these is made if you put a few drops of lemon in hot milk. Paneer
4. This food product is obtained from beehive. Honey
5. Which of these do herbivores depend on for their food. Plants
6. Which of the following animals is a carnivore. Spider
7. Which of these animals have sharp-edged front teeth. Tigers
8. Which of these animals swallow their prey whole. Snakes
9. Which of these animals decompose dead plants and animals. Fungi and bacteria
10. Which of the following birds have sharp and pointed beak. Crow

Give one word for the following

1. The green pigment present in the leaves of green plants- Chlorophyll
2. The process by which plants prepare their own food- Photosynthesis
3. Products obtained from milk- Butter
4. The process by which milk gets separated into solids and liquids- curdling
5. Organisms that decompose dead plants and animals- Decomposer

Give two examples for the following-

1. Roots that we eat as vegetables- Carrot, radish
2. Stems that we eat as vegetables- Potato, ginger
3. Leaves that we eat as vegetables- Spinach, Fenugreek
4. Seeds that are eaten after sprouting- Moong dal, chickpeas
5. Animals that give us egg- Hen, duck

Answers of Living Science

A Choose the appropriate answer

1. Which of these is obtained from plants. – Rice
2. Which of these is obtained from animals- Cheese
3. Which of these food ingredients we do not get from plants or animals- salt
4. The first link in all food chains is- plants
5. Which of these eat food digested by other animals- tapeworm
6. Which of these animals does have teeth- snake

B. Give one-word answers.

1. Potato, turmeric, sugarcane have food stored in the stem.
2. Humans are omnivores.
3. Scavengers eat the dead body of other animals.
4. False. The food chains can end at herbivore only if the herbivore has no predator. Which is highly unlikely.
5. The chemical substances in the food that your body needs are called nutrients.
6. No, all living things do not eat the same kind of food.