

Very Short Answer Questions

Q.1. Name the food ingredients that are obtained from plants.

Ans. Grains, cereals, pulses, spices, vegetables and fruits.

Q.2. Name the food materials that are obtained from animals.

Ans. Milk, meat products and eggs.

Q.3. Name three milk products used world over.

Ans. Butter, cream, cheese, buttermilk, etc.

Q.4. Are there any food materials that have other sources than plants and animals? Name them, if any.

Ans. Yes, salt and water are obtained from sources other than plants and animals.

Q.5. Why do boiled seeds fail to sprout?

Ans. Boiling kills the seeds.

Q.6. Where do bees store honey?

Ans. Bees store honey in beehives.

Q.7. Name the food eaten by humans that is produced by insects.

Ans. Honey is the only food produced by insects that is eaten by humans.

Q.8. Name one plant stem and one plant root from which sugar is obtained.

Ans. Stem — Sugarcane Root — Beetroot

Q.9. The people of a village eat lots of rice, prawns and crabs. Where do you think is the village located?

Ans. The village is located near the sea.

Q.10. Who are non-vegetarians?

Ans. People who eat meat, fish, egg and other food of animal origin are non-vegetarians.

Q.11. Give an example of a plant whose more than one part is eaten as food.

Ans. Mustard

Q.12. What are milch animals?

Ans. The milk yielding animals such as cows, buffaloes and goats are called as milch animals.

Q.13. What is the importance of spices in our food?

Ans. Spices add flavor and aroma to our food due to which our food becomes tasty.

Short Answer Questions

Q.1. Why should we avoid wastage of food?

Ans. Enough food is not available for all of us. Food is very costly and poor people cannot afford to buy.

Q.2. Where does honey come from? How is it produced?

Ans. Honey comes from honeybees. Honeybees collect nectar from flowers, convert it into honey and store it in their hive.

Q.3. Name two ingredients in our food that are not obtained from plants and animals. Mention one source for each ingredient.

Ans.

- i. **Salt:** It is obtained from sea water or rocks.
- ii. **Water:** It is obtained from rivers, wells, taps, ponds, tube wells, rain. (Any one)

Q.4. Write the ingredient source of each of the following:

Urad dal, salt, water, spices, sugar

Ans.

Ingredient	Source
Urad dal	Plants
Salt	Sea
Water	Natural resources
Spices	Plants
Sugar	Plants

Q.5. Give one word for each of the following:

[NCERT

Exemplar]

(i). Honeybees suck from flower

Ans. Nectar

(ii). Animals which eat other animals.

Ans. Carnivores

(iii) Animals which eat only plants and plant products.

Ans. Herbivores

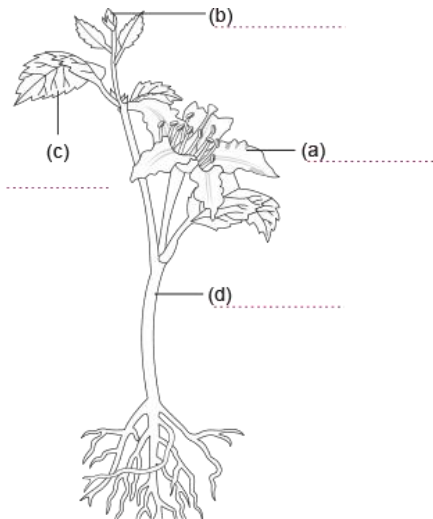
(iv) Animals which eat both plants and animals.

Ans. Omnivores

Q.6. Why do organisms need food? Write two reasons.

Ans. Food gives energy to do work/to grow/to repair damaged parts, to protect the body against diseases. (Any two)

Q.7. Label and colour the different parts of the plant given below.



Ans.

- a. Flower
- b. Bud
- c. Leaf
- d. Stem

Q.8. Look at the food chain given below as seen in a field and answer the questions that follow.

Wheat → Rat → Snake → Eagle

(i) The farmer of the wheat field uses pesticides and kills all the rats. How is that useful to the farmer?

Ans. Killing all the rats, the farmer saves his field from the pests and his production of wheat will increase.

(ii) What will happen if all the snakes in the field are removed?

Ans. If all the snakes are removed the population of rats in the field will increase and they will reduce the production of wheat by feeding on them.

Q.9. How do herbivores differ from carnivores?

Ans. Herbivores eat only plants or plant products. Their teeth are designed to chew plants and their stomachs to digest them. Carnivores eat other animals. They have sharp teeth to tear the flesh of animals.

Q.10. Write two ways by which wastage of food can be prevented.

Ans.

- i. Avoid cooking more amount of food than required.
- ii. Food should be stored properly in refrigerators.

Q.11. Classify the following animals into herbivores, carnivores and omnivores:

Rat, lion, tiger, spider, house lizard, cow, human beings, butterfly, crow

Ans. Herbivore: Cow, butterfly

Carnivore: Lion, tiger, spider, house lizard

Omnivore: Human beings, crow, rat

Long Answer Questions

Q.1. Write any five edible parts of plants with example.

Ans. Almost all parts of the plants such as leaves, stems, roots, fruits, and seeds are considered to be edible parts:

(i) Roots: Carrot, turnip, radish and beetroot.

(ii) Stem: Coriander, sugarcane, potato and ginger.

(iii) Leaves: Spinach, cabbage, curry leaves, Onion is a form of leaf which is underground.

(iv) Flowers: Cauliflower, pumpkin and roses are also edible.

(v) Fruits: Mango, guava, orange, apple, pear, grapes, banana etc. Almonds, cashew nuts are used as nuts.

Q.2. Differentiate between herbivore, carnivore and omnivores.

	Herbivore	Carnivore	Omnivores
1.	Animals that eat only plants.	Animals that eat flesh of other animals.	Animals that eat both plants as well as animals.
2.	They depend on plants.	They depend on herbivores.	They depend on both.
3.	Teeth are not sharp but have front pointed teeth.	Teeth are sharp for chewing and grasping the meat, have pointed teeth.	Teeth are not sharp they are either pointed front teeth.
4.	Salivary glands are well developed.	Salivary glands are not well developed.	Salivary glands are well developed.
5.	Examples: Cow, Deer, etc.	Examples: Lion, Tiger, etc.	Examples: Human being, Crow, etc.

Q.3. Why scavengers are important for environment?

Ans. Scavengers are the animals that feed on dead, injured or decaying animals. They clean the earth of organic garbage. Many types of worms, insects, vulture, crow are scavengers, they decompose the dead and decaying plants and animals and make the environment free from germs.

Q.4. Why food is important for humans?

Ans. Food is important because:

- i. All living things require food for their survival.

- ii.** Food acts as a fuel and provides energy to work and play.
- iii.** It is essential for growth, repair, wear and tear of our cells.
- iv.** It protects us from different kinds of diseases and keeps us healthy.

HOTS (Higher Order Thinking Skills)

Q.1. It is said that man gets energy from sun indirectly. How?

Ans. Man eats either plants or herbivorous animals, which feed on plants. Plants in turn prepare the food only when they get energy from the Sun. Therefore, indirectly man gets energy from Sun.

Q.2. Is eating excess of food correct? Give reason to support your answer.

Ans. No, because eating excess food can harm our body as it is not digested easily.

Q.3. Fish-eating is more common in the states of West Bengal and Odisha than in Punjab and Uttar Pradesh. Why?

Ans. Food habit is affected by production and supply. Since West Bengal and Odisha are coastal areas, fish is abundantly available here but not in Punjab and Uttar Pradesh as these are not coastal areas.