

TEACHERS FORUM[®]



QUESTION BANK

(solved)

Class VI

SCIENCE

SUBJECT EXPERTS

CONTENTS

1.	FOOD : WHERE DOES IT COME FROM	
	NCERT Solutions	005 - 006
	Additional Questions and Answers	007 - 014
2.	COMPONENTS OF FOOD	
	NCERT Solutions	015 - 017
	Additional Questions and Answers	017 - 025
3.	FIBRE TO FABRIC	
	NCERT Solutions	026 - 027
	Additional Questions and Answers	028 - 035
4.	SORTING MATERIALS INTO GROUPS	
	NCERT Solutions	036 - 038
	Additional Questions and Answers	038 - 045
5.	SEPARATION OF SUBSTANCES	
	NCERT Solutions	046 - 049
	Additional Questions and Answers	049 - 056
6.	CHANGES AROUND US	
	NCERT Solutions	057 - 059
	Additional Questions and Answers	059 - 066
7.	GETTING TO KNOW PLANTS	
	NCERT Solutions	067 - 071
	Additional Questions and Answers	071 - 081
8.	BODY MOVEMENTS	
	NCERT Solutions	082 - 084
	Additional Questions and Answers	084 - 091

9.	THE LIVING ORGANISMS & THEIR SURROUNDINGS	
	NCERT Solutions	092 - 094
	Additional Questions and Answers	095 - 103
10.	MOTION AND MEASUREMENT OF DISTANCES	
	NCERT Solutions	104 - 107
	Additional Questions and Answers	107 - 114
11.	LIGHT, SHADOWS AND REFLECTIONS	
	NCERT Solutions	115 - 117
	Additional Questions and Answers	117 - 125
12.	ELECTRICITY AND CIRCUITS	
	NCERT Solutions	126 - 128
	Additional Questions and Answers	128 - 135
13.	FUN WITH MAGNETS	
	NCERT Solutions	136 - 140
	Additional Questions and Answers	140 - 147
14.	WATER	
	NCERT Solutions	148 - 151
	Additional Questions and Answers	151 - 157
15.	AIR AROUND US	
	NCERT Solutions	158 - 160
	Additional Questions and Answers	160 - 166
16.	GARBAGE IN, GARBAGE OUT	
	NCERT Solutions	167 - 170
	Additional Questions and Answers	170 - 176

1

FOOD : WHERE DOES IT COME FROM

IMPORTANT POINTS

- ◆ Food : Nutritious substance that people or animals eat or drink, or that plants absorb in order to maintain life and growth.
- ◆ The main sources of our food are plants and animals.
- ◆ Food sources from plants:- vegetables, pulses, spices, cereals, fruits, oils, etc.
- ◆ Food sources from animals:- milk, egg, honey, meat, fish, etc.
- ◆ Animals which eat only plants are called herbivores. Ex: cow, goat, sheep etc.
- ◆ Animals which eat only animals are called carnivores. Ex: tiger, lion, etc.
- ◆ Animals which eat both plants as well as other animals are called omnivores. Ex: bears, foxes, dogs, etc.
- ◆ Animals that live on dead and decaying food is called scavengers. Ex: hyenas, vultures, etc.

NCERT SOLUTIONS

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

Ans. No. All living things do not require the same kind of food. 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:

(a) Herbivores: Animals which feed on plants and plant products are called herbivores.

Examples: cow, deer, goat etc.

(b) Carnivores: Animals which feed on other animals are called carnivores.

Examples: lion, tiger, fox, etc.

(c) Omnivores: Animals which feed on both plants and animals are called omnivores.

Examples: man, crow, cat etc.

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

Ans. 1. Mango - Fruit

2. Potato - Stem
3. Carrot - Root
4. Spinach - Leaf
5. Cauliflower - Flower

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

Ans.

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 eats 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 _____.

Ans. (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.

ADDITIONAL QUESTIONS AND ANSWERS

Choose the correct answer :

1. Green plants prepare their own food, hence they are called as
(a) Autotrophs (b) Parasites (c) Heterotrophs (d) Decomposers
2. Spices provide
(a) Energy (b) Flavour (c) Vitamins (d) Proteins
3. An animal that eats other animals is called
(a) Producer (b) Carnivore (c) Omnivore (d) herbivore
4. Honeybee makes honey from
(a) pollen (b) petals (c) nectar (d) bud
5. The part of a banana plant not used as food is
(a) flower (b) fruit (c) stem (d) root
6. Food :
(a) Gives us energy (b) Helps in growth
(c) Repair body parts (d) All of these
7. ----- is not a milk product.
(a) Pizza (b) Curd (c) Cheese (d) Ice-cream
8. An example of complete food is
(a) Carrot (b) Milk (c) Pulses (d) Fish
9. Curd is formed by the action of
(a) Fungus (b) Algae (c) Bacteria (d) Protozoa
10. Plants prepare their food by the process of
(a) Transpiration (b) Photosynthesis
(c) Respiration (d) Transportation
11. Cereals are rich source of
(a) Carbohydrates (b) Fats (c) Proteins (d) Minerals
12. People living in coastal areas eat
(a) Wheat pulses and rice. (b) Rice and fish
(c) Rice, meat of goat (d) Maize and bajara

13. Carnivores have

- (a) Blunt teeth (b) Sharp, pointed teeth
(c) Long sticky tongue (d) Broad and strong teeth

14. Given below are names of some animals:

- (i) Goat (ii) Human beings (iii) Cockroach (iv) Eagle

Which of the above animals form a pair of omnivores?

- (a) (i) and (ii) (b) (ii) and (iii) (c) (iii) and (iv) (d) (ii) and (iv)

15. Below are names of some animals:

- (i) Cow (ii) Sheep (iii) Horse (iv) Ox

Which of the above are sources of milk for human beings?

- (a) (i) and (iii) (b) (i) and (ii) (c) (ii) and (iii) (d) (iii) and (iv)

- Ans.** 1. (a) 2. (b) 3. (b) 4. (c) 5. (d)
6. (d) 7. (a) 8. (b) 9. (c) 10. (b)
11. (a) 12. (b) 13. (b) 14. (b) 15. (b)

Fill in the blanks :

16. Fill in the blanks.

- (a) Tiger is a ----- because it eats only flesh of other animals.
(b) Main supply of eggs comes from----- and -----.
(c) We are ----- because we eat both plant and animal products.
(d) Food is needed by living organisms for -----, ----- and protection.
(e) We get sugar from-----.

- Ans.** (a) Carnivore (b) hens, ducks (c) omnivores
(d) growth, development (e) sugarcane

17. Fill in the blanks with suitable word.

- (a) Snake does not have-----.
(b) Scavengers feed on other -----.
(c) South Indian use ----- oil as medium of cooking.
(d) Excess intake of food causes -----.
(e) Animals that provide milk are called-----animals.

- Ans.** (a) teeth (b) dead animals (c) coconut (d) obesity (e) milch.

Match the following :

18.

Column A	Column B
(a) Drinking milk	i. are animal products.
(b) Vegetable, fruits	ii. is good for health.
(c) Carrot, tomato, potato	iii. are rich in minerals and vitamins.
(d) Egg, meat, paneer	iv. are vegetables
(e) Wheat, gram, rice	v. are plant products.

Ans.

Column A	Column B
(a) Drinking milk	ii. is good for health.
(b) Vegetable, fruits	iii. are rich in minerals and vitamins.
(c) Carrot, tomato, potato	iv. are vegetables
(d) Egg, meat, paneer	i. are animal products.
(e) Wheat, gram, rice	v. are plant products.

19.

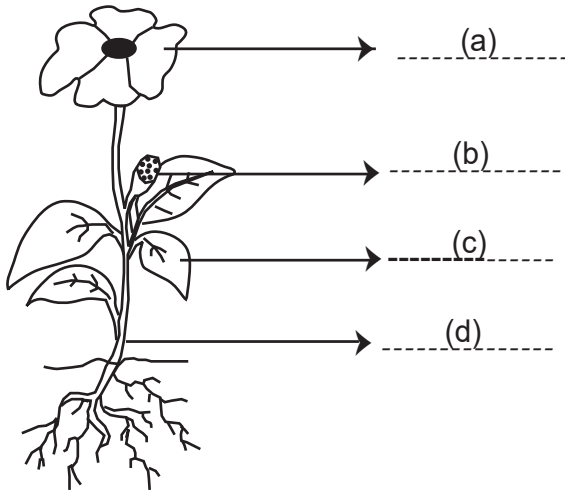
Column A	Column B
(a) Curd	i. protein
(b) Pulses	ii. Highly nutritious food.
(c) Honey	iii. hen
(d) Meat	iv. milk
(e) Egg	v. goat.

Ans.

Column A	Column B
(a) Curd	iv. milk
(b) Pulses	i. protein
(c) Honey	ii. Highly nutritious food
(d) Meat	v. goat.
(e) Egg	iii. hen

20. (a) Mustard plant (i) Meat
 (b) Goat (ii) Fruits and vegetables
 (c) Hen (iii) seed
 (d) smoke (iv) direction of air flow
 (e) wind (v) prevent dust particles

Ans. a - (iii), b - (i), c - (iv), d - (v), e - (ii)



Ans. (a) - Flower (b) - Bud (c) - Leaf (d) - Stem

29. What is the importance of spices for us?

Ans. Spices provide flavour to our food. Different parts of plants are used as spices. Ginger, coriander, fennel, thyme, cumin and fenugreek are commonly used spices.

30. Why food is essential for us?

Ans. Food is essential for us because of following reasons.

- (a) Food provides us energy.
- (b) It helps us to grow.
- (c) Help us to overcome wear and tear.
- (d) Protect us against disease.

31. Name the main food item consumed in

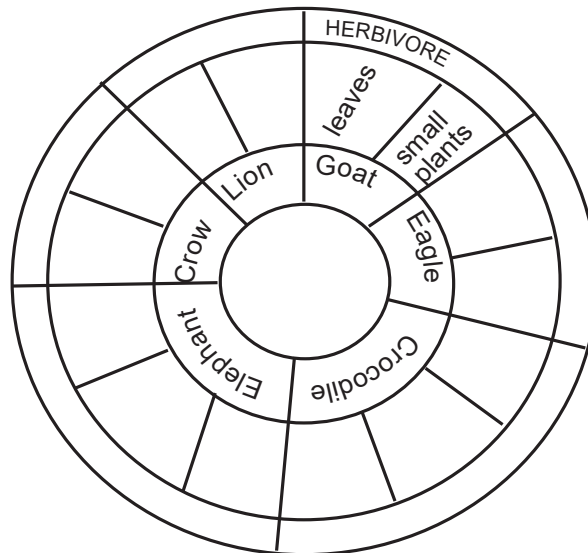
- (a) Punjab :
- (b) Gujarat :
- (c) Kerala :
- (d) West Bengal :
- (e) Odhisha :

Ans. (a) Punjab - wheat, pulse and milk.
(b) Gujarat - dhokla, pulse, groundnut.
(c) Kerala - rice, fish, vegetable.
(d) West Bengal - rice, fish.
(e) Odhisha - rice and fish.

32. Name a plant that has two edible parts.

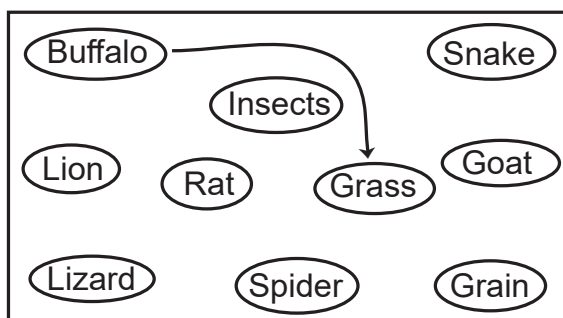
Ans. Mustard plant has two edible parts, Seed and leaves. Seed is used to obtain mustard oil and leaves are used as vegetable.

33. Read the names of animals written in the inner ring of Fig. Within the second ring write the types of food they eat and the category to which they belong (based on the eating habit) in the outermost ring. One example has been worked out for you. Use red, green and blue colours for writing.



- Ans.** Eagle - birds / small animals / meat – Omnivore
 Crocodile - fish / snake / animals living near the river – Carnivore
 Elephant - grass / sugarcane / leaves / coconut – Herbivore
 Crow - food grains / rat / meat / food items / insects – Omnivore
 Lion - deer / rabbit / zebra / giraffe / cow – Carnivore

34. Connect the animal with the food it eats by an arrow using different colours in Figure. One is done for you



- Ans.** 1. Lion → goat 2. Lizard → insects, spider
 3. Rat → grains 4. Snake → Rat
 5. Goat → grain/grass 6. Spider → insects

35. What are main sources of food?

Ans. Plants and animals are main sources of food We get cereals, pulses, fruits and vegetables from plant and milk, meat, eggs etc from animals.



SELF ASSESSMENT TEST

Choose the correct answer :

1. Given below is a list of edible plants:

- (i) Banana (ii) Pumpkin (iii) Lady's finger (iv) Brinjal

Which pair of plants have two or more edible parts?

- (a) (i) and (ii) (b) (ii) and (iii) (c) (iii) and (iv) (d) (i) and (iv)

2. Read each set of terms and identify the odd set

- (a) Cow, milk, butter (b) Hen, meat, egg
(c) Goat, milk, meat (d) Plant, vegetable, butter milk

3. Pulses are rich source of

- (a) Proteins (b) Carbohydrates
(c) Fats (d) Vitamins

Fill in the blanks :

4. Give one words for following:

- (a) Animals that eat only meat-----
(b) Animals that eat only plants -----

Match the following :

5.

Column A	Column B
(a) Carbohydrates	i. Ghee
(b) Proteins	ii. Rice
(c) Fat	iii. Fruits
(d) Vitamins and minerals	iv. Maize
(e) Roughage	v. Soyabean

True or False :

6. (a) Potato tubers contain carbohydrates.
(b) Soyabean is a rich source of vitamins.
(c) Milk is a complete food
(d) Glucose is the main source of energy in our body.

Answer the Following :

7. Why do boiled seeds fail to sprout?
8. Why do organisms require food? Give two reasons.
9. Mention the part of plant that the following belong to:
(a) Radish (b) Ginger (c) Potato (d) Spinach
10. What do you mean by food habit?
11. Arrange the following organisms as Carnivores, herbivores and omnivores.
(a) Cat (b) Cow (c) Horse (d) Man (e) Tiger (f) Dog.
12. Write the name of food following organisms eat:
(a) Cow (b) Snake (c) Lion (d) Honey bee.

**ANSWERS**

1. (a) 2. (d) 3. (a)
4. (a) carnivores (b) herbivores
5.

Column A	Column B
(a) Carbohydrates	ii. Rice
(b) Proteins	v. Soyabean
(c) Fat	i. Ghee
(d) Vitamins and minerals	iii. Fruits
(e) Roughage	iv. Maize
6. (a) True (b) False (c) True (d) True
7. Boiling kills the seeds.
8. Organism requires food for growth, development and maintenance of body cells. Food also contains vitamins and minerals, which protect us from disease.
9. (a) Root (b) Stem (c) Stem (d) Leaves
10. makes their food habits.
11. Carnivores – Tiger
Herbivores – Cow, horse
Omnivores – man, cat, dog.
12. (a) Grass (b) Frog (c) Deer (d) nectar

