

Chapter 1: Food: Where Does It Come From?

NCERT Exemplar · Class 6 · Science

Multiple Choice Questions

Question 1

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)

Solution

Ans: The correct answer is option (b).

Omnivores are those that eat both the plant as well the animals. Goats are herbivores (eat plants only) & Eagles are carnivores (eat animals only).

Question 2

Honeybee makes honey from

- (a) pollen (b) petals
(c) nectar (d) bud

Solution

Ans: The correct answer is option (c)

Honey bees collect nectar from the flowers then carry it to their hives where they convert this into honey. They stored honey in the form of food for themselves.

Question 3

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)

Solution

Ans: The correct answer is option (b).

Cow & Sheep are the milching animals. While Ox & Horse are draught animals.

Question 4

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)

Answer

Correct option: A

Solution

Ans: The correct answer is option (a).

Banana & pumpkin both having three edible parts. In Banana one can consume its flower, fruit & the stem. In Pumpkin one can consume its flower, fruit & seed.

Question 5

The part of a banana plant not used as food is

A.

flower

B.

fruit

C.

stem

D.

root

Answer

Correct option: D

Solution

Ans: The correct answer is option (d).

Question 6

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, buttermilk

Answer

Correct option: D

Solution

Ans: The correct answer is option (d)

The product we get from cows is milk and butter. The product we get from hen is meat and egg. The product we get from goat's milk & meat. But the product we get from plants is vegetables, not the buttermilk.

Very Short Answer Questions

Question 7

Read the clues and fill up the blanks given below each of them.

(a) Honey Bees suck from flowers.

N ____ T ____ R

Solution

Ans: N E C T A R

Honey bees collect nectar from the flowers then carry it to their hives where they convert this into honey. They stored honey in the form of food for themselves.

(b) Animals which eat other animals.

____ A ____ N ____ V ____ R ____ S

Ans: C A R N I V O R O S

The example includes Tiger, Lion & Eagle etc.

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

H E ____ B ____ ____ ____ E ____

Ans: H E R B I V O R E S

The example includes Cow & Sheep etc.

(d) Animals which eat both plants and animals.

____ M N I ____ O ____ ____

Ans: O M N I V O R E S

The example includes Human beings & Cockroaches etc.

Question 8

Why do boiled seeds fail to sprout?

Solution

Ans: This is because they lose the tendency to germinate. Boiling of seeds causes its death.

Question 9

Where do bees store honey?

Solution

Ans: Honey bees collect nectar from the flowers then carry it to their hives where they convert this into honey. They stored honey in the form of food for themselves in their hives.

Question 10

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

Solution

Ans: The ingredients in our food that are not obtained from plants or animals are:-

Name	Source
Salt	It is obtained from rocks & sea water.
Water	It is obtained from rivers through the taps , tube wells etc.

Question 11

Given below are jumbled words which are names of parts of a plant. Rearrange them to get the correct words.

(a) L I L C H I

(b) I T R U F

(c) S E A N B O Y A

(d) G U R S A

Solution

Ans: CHILLI

Ans: FRUIT

Ans: SOYABEAN

Ans: SUGAR

(e) R O U N D G U N T

Ans: GROUNDNUT

Short Answer Questions**Question 12**

Identify the animals in the grid given below as Fig. 1.1 and categorise them into herbivore, carnivore and omnivore.

T	A	C	O	W	O	L	F
T	A	R	W	X	G	O	R
N	N	O	L	I	O	N	O
E	T	W	Q	L	A	N	G
H	U	M	A	N	T	W	O

Solution

Ans:



Name of animal	Category	Description
Goat, Hen, Cow	Herbivore	Those that eat plants or plant based products.
Lion, Frog, Wolf	Carnivore	Those that eat animals.
Human, Ant, Owl, Rat, Cat, Crow	Omnivore	Those that eat both plants as well as the animals.

Question 13

Why should we avoid wastage of food?

Solution

Ans: We should not avoid the wastage of food because of:-

1. It's supply is limited.
2. It's very costly & everyone can't afford it.

Question 14

Why do organisms need food? Write two reasons.

Solution

Ans: The living organisms require food:-

1. To get the energy.
2. To acquire the immunity that prevents us from getting infections or diseases.

Question 15

Match the organisms given in Column I with their part/product in Column II that is used by human beings as food.

Column I	Column II
1. Mustard	Meat
2. Goat	Fruits & vegetables
3. Hen	Seed grain
4. Smoke	Direction of airflow
5. Wind	Presence of dust particles

Solution

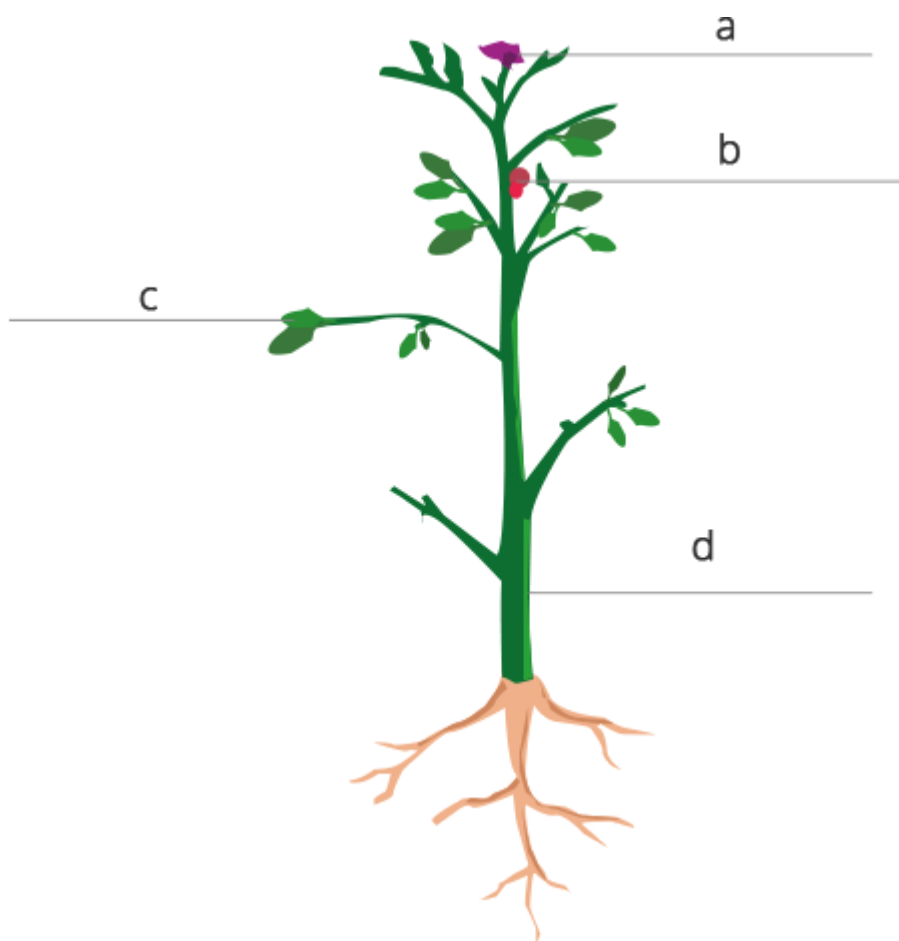
Ans:

Column I	Column II
1. Mustard	Fruits & vegetables
2. Goat	Meat
3. Hen	Seed grain

4. Smoke	Presence of dust particles
5. Wind	Direction of airflow

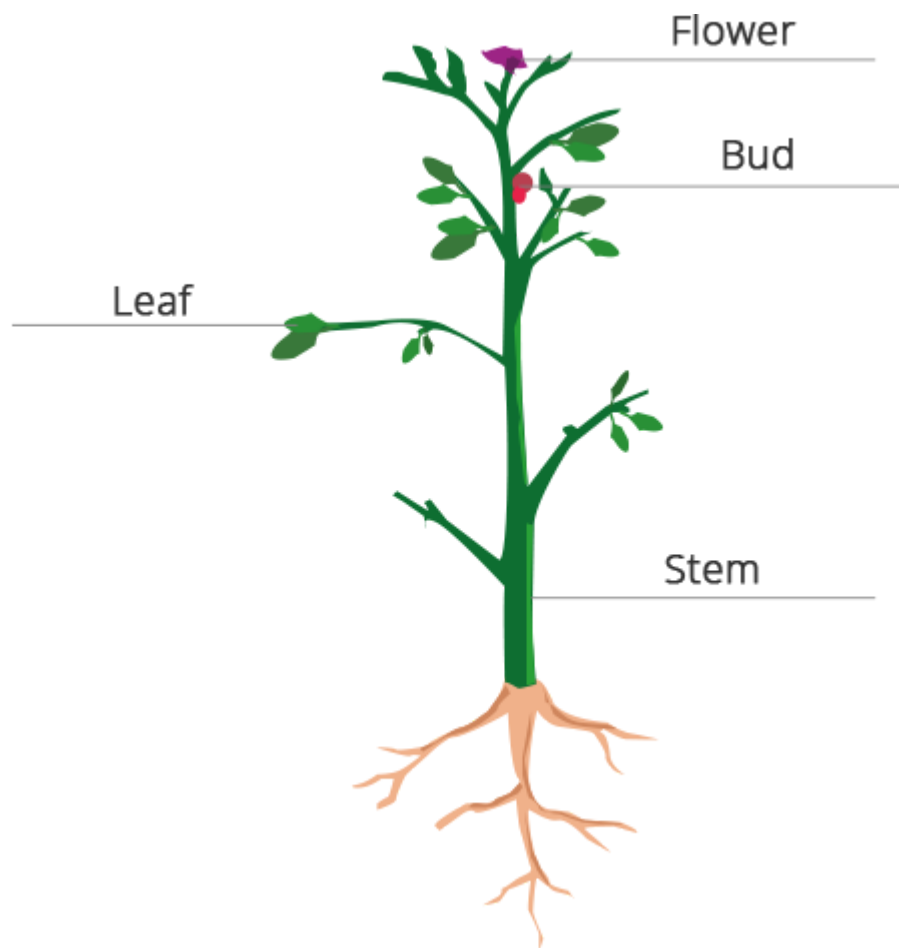
Question 16

Label and colour the different parts of the plant given below in Fig.



Solution

Ans:



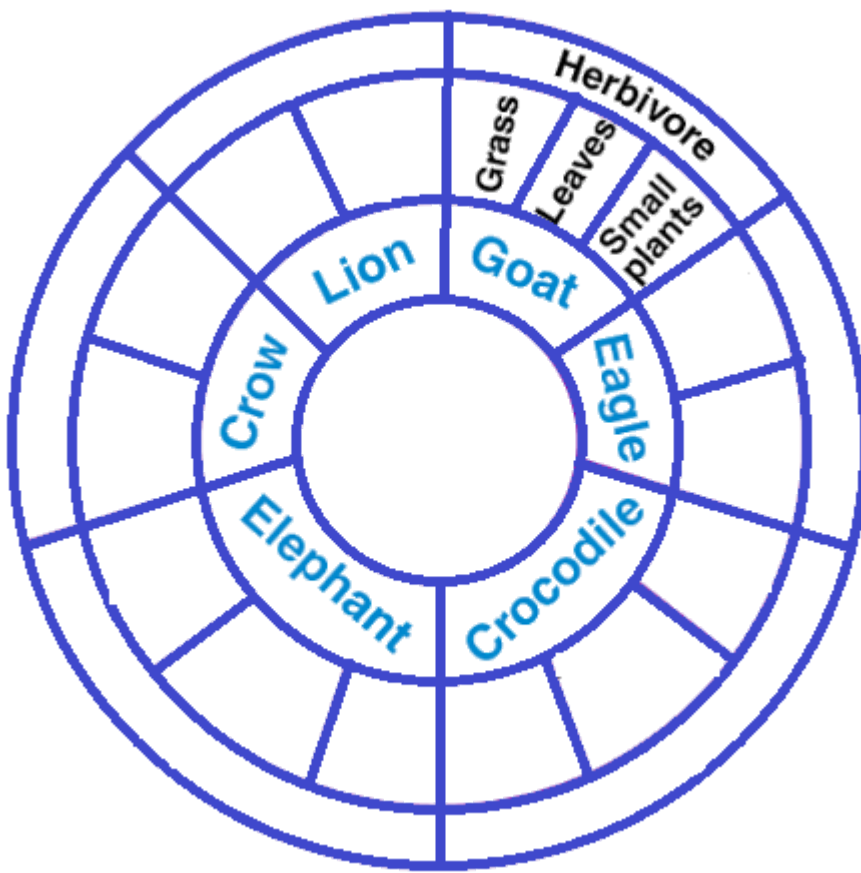
- a) Flower: It is the reproductive organ of the plant.
- b) Bud: These are small lateral or terminal protuberances on the stem of a vascular plant that may develop into a flower, leaf, or shoot.
- c) Leaf: It is the food factory of the plant.
- d) Stem: It is the plant axis that bears buds and shoots with leaves and, at its basal end, roots.

Long Answer Questions

Question 17

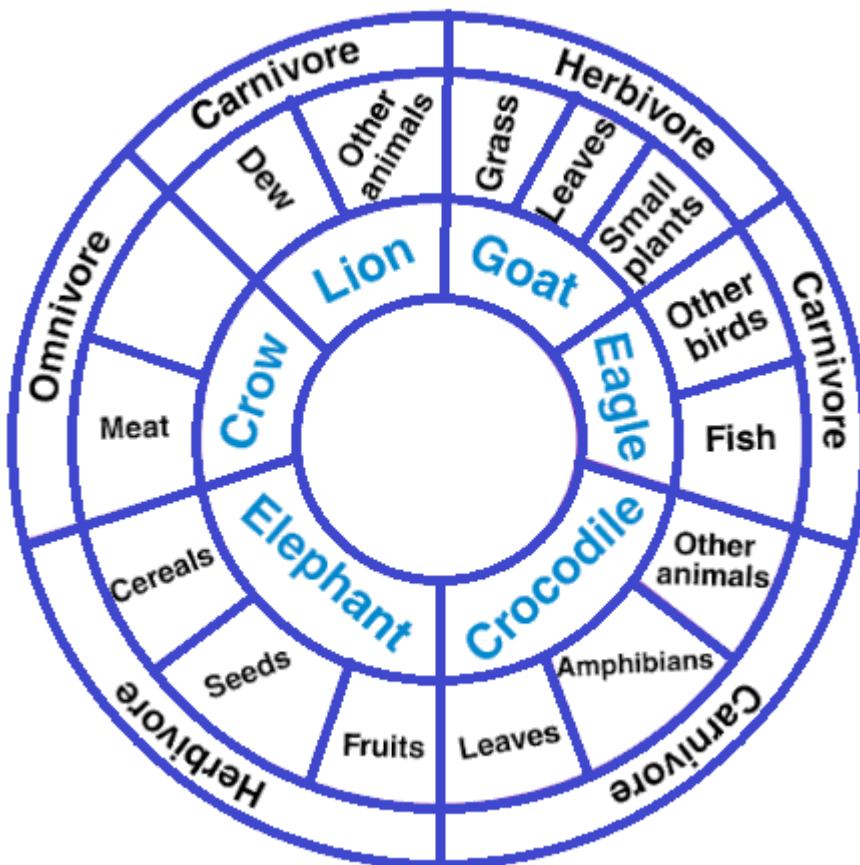
Read the names of animals written in the inner ring of Figure. Within the second ring write the types of food they eat and the category to which they belong (based on the eating habit) in the outermost ring.

One example has been worked out for you. Use red, green and blue colours for writing.



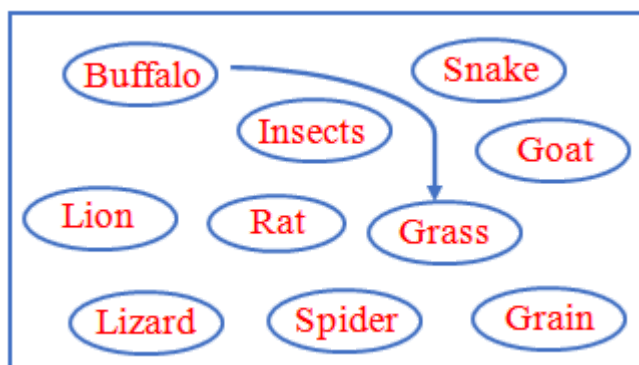
Solution

Ans:



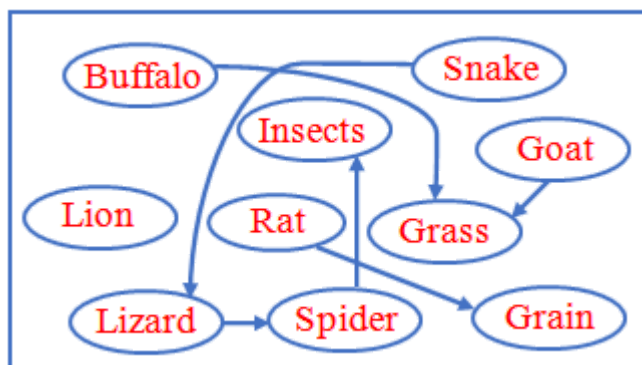
Question 18

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



Solution

Ans:



Animal	Food
Buffalo	Grass
Lion	Goat
Lizard	Snake
Rat	Grain
Spider	Insects
Snake	Lizard
Goat	Grass

Question 19

List two of your favourite food items and mention their ingredients.

Solution

Ans:

Food items	Ingredients
Pudding	Rava, Dry fruits, Ghee, Sugar etc.

Poha	Raw poha, spices, vegetables, Ghee etc.
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