



INDIAN SCHOOL AL WADI AL KABIR



Class: VI	DEPARTMENT: SCIENCE 2023-24	DATE: 18-04-2023
WORKSHEET NO: 1 WITH ANSWERS	TOPIC: FOOD-WHERE DOES IT COME FROM?	NOTE: A4 FILE FORMAT
NAME OF THE STUDENT:	CLASS & SEC:	ROLL NO.

I. OBJECTIVE-TYPE QUESTIONS

1. Spiders and house lizards are considered carnivores as they feed on:

- (a) **Insects.**
- (b) Grains
- (c) Dead and decayed matter
- (d) Nectar.

2. Which part of a mustard plant is edible?

- (a) Seeds and roots
- (b) Leaves and stem
- (c) **Seeds and leaves.**
- (d) Stem and roots

3. Honey is a unique food because-

- (a) It needs to be stored in a cold place
- (b) It needs to be stored in a warm place
- (c) It needs to be stored in a dry place
- (d) **Honey does not get spoiled at room temperature**

4. Sunflower oil is used by many people across the world for cooking. What part of the sunflower plant is used for the extraction of oil?

- (a) Flower
- (b) Leaf
- (c) Root
- (d) **Seed**

5. Sita wants to make dal. What ingredients must she have to make this dish?

- (a) Atta, water, spices
- (b) Rice, water and salt
- (c) Mango, water and sugar
- (d) Pulses, water and salt**

6. The table list some ingredients used by a baker to make a cake.

- Flour
- Egg
- Cream
- Milk
- Butter
- Sugar
- Chocolate

Which of these ingredients are animal-based products-

- (a) Flour and egg
- (b) Egg and milk**
- (c) Chocolate and sugar
- (d) Cream and flour

For the following questions, two statements are given- one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (i), (ii), (iii), and (iv) as given below

i) Both A and R are true and R is the correct explanation of the assertion.

ii) Both A and R are true but R is not the correct explanation of the assertion.

iii) A is true but R is false.

iv) A is false but R is true

7. **Assertion (A):** We use different parts of plants as our food.

Reason (R): In plants, food is stored in root, stem, seeds, and fruits but not in flowers.

iii) A is true but R is false.

8. **Assertion (A):** Bear is an omnivorous animal.

Reason (R): Omnivorous animals eat both plant and animal products

i) Both A and R are true and R is the correct explanation of the assertion.

9. **Assertion (A):** Various materials needed to prepare a food item are called ingredients.

Reason (R): To prepare a dish of boiled rice, we need just two materials.

i) Both A and R are true but R is not the correct explanation of the assertion.

10. **Assertion (A):** We eat the leaves of spinach.

Reason (R): All food items have three ingredients.

iii) A is true but R is false.

II. VERY SHORT QUESTIONS (2M):

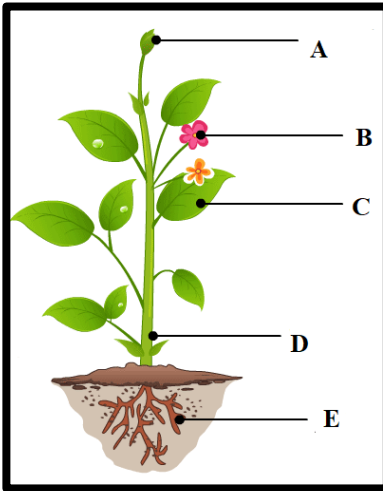
1. What do you mean by ingredients? **[Hint: The materials or components which are used to prepare food are called ingredients. For example – Chapati is made up of only two ingredients – wheat flour and water.]**
2. Name two ingredients in our food that are not obtained from plants or animals. Mention one source for each ingredient. **[Hint: Two ingredients in our food that are not obtained from plants or animals are salt and water. Salt is obtained from seawater and from rock. Water is obtained from the river, well, tube well, rain etc.]**
3. Why should we avoid wastage of food? **[Hint: We should avoid wastage of food because: (i) Enough food is not available for all of us; (ii) Food is very costly and poor people cannot afford to buy.]**
4. Why do organisms need food? Write two reasons. **[Hint: Organisms need food because (i) Food gives the energy to do work. (ii) Food helps the body to grow and to repair damaged parts.(iii) Food helps to protect the body against diseases.]**
5. Give reasons: a) We should not try eating any plant we come across **[Hint: We should not try eating any plant because they could be poisonous]**
b) We eat different types of food. **[Hint: Different foods provide different types and amounts of nutrients]**
6. What do you mean by sprouting? **[Hint: When seeds begin to grow or germinate by developing white-coloured tiny roots on them, they are called sprouts. This method of making sprouts from seeds is called sprouting.]**

III. SHORT ANSWER TYPE QUESTIONS (3M):

1. Differentiate between Food producers and Food consumers.

Food producers	Food consumers
The living beings which can prepare their own food by natural method are called food producers.	The living beings which cannot prepare their own food are called food consumers.
All the green plants are food producers	All the animals including human beings are food consumers.
They are dependent on water, sunlight and carbon dioxide for their food.	They are dependent on the food producers, i.e., green plants for their food.

2. Label the parts of the plant.



[Hint A – Bud

B - Flower

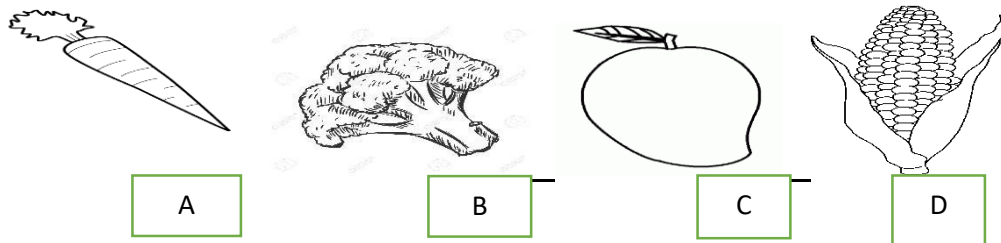
C – Leaf

D – Stem

E - Root]

3. Name any four food products prepared from milk. [Hint: Butter, cream, cheese, curd, ghee, buttermilk.]

4. The following are the different plant parts that serve as sources of food for us. Identify them.



[Hint: A- Root; B – Flower; C – Fruit; D- seeds]

IV. LONG ANSWER TYPE QUESTIONS (5M):

1. The seeds of X and Y are put in vessel containing water and kept overnight. The seeds are removed from water wrapped in a piece of wet cloth and kept aside for one day. On opening the wrap, it is found that seeds are converted into Z having tiny white structure.

- i. What could the seeds X and Y be?
- ii. What is the general name for Z?
- iii. What are the tiny white structures in Z which grow out of seeds?

iv. In what ways Z is more nutritious food than Y?

[Hint: (i) X and Y are raw seeds. (ii) Z is sprout. (iii) Tiny white outgrowths are called radicle. (iv) The sprouting process adds more nutrition to the seeds.]

2. Differentiate between herbivores, carnivores and omnivores. Give two examples of each.

Herbivores	Carnivores	Omnivores
Animals that eat only plants and plant products are called herbivores.	Animals that eat other animals are called carnivores.	Animals that eat both plants and animals are called omnivores.
Example: Cow, Deer, Elephant	Example: Lion, Tiger, Leopard	Example: Dog, Human, Bear

3. Explain in detail the process of sprouting. **[Hint: (i) Take a few moong dal seeds and soak them in water overnight. (ii) Next day remove water and wrap the seeds in a wet cloth. (iii) Keep for another day. Unwrap them the next day. (iv) You will observe tiny white slender outgrowths called radicle on the seeds. Such seeds are called sprouts and this process is called sprouting.]**

V. SOURCE-BASED/ CASE STUDY-BASED QUESTIONS

Read the passage and answer the following questions:

Plants are the sources of food ingredients like grains, cereals, vegetables and fruits. We eat many leafy vegetables. We eat fruits of some plants. Sometimes roots, sometimes stems and even flowers. Some plants have two or more edible (eatable) parts. Seeds of mustard plants give us oil and the leaves are used as a vegetable. Animals are one of the sources of our food. Animals provide us with milk, meat products and eggs. Cows, goats and buffaloes are some common animals which give us milk. Milk and milk products like butter, cream, cheese and curd are used all over the world.

i. What are the two main sources of food? **[Hint- Plants and Animals are the two main sources of food.]**

ii. Name some common animals which give us milk. **[Hint- Cows, goats and buffaloes are some common animals which give us milk.]**

iii. Which parts of mustard plant is edible? **[Hint- Seeds of mustard plants give us oil and the leaves are used as a vegetable.]**

iv. Mention the plant parts that are edible? **[Hint- We eat many leafy vegetables. Sometimes we eat fruits, sometimes roots, sometimes stem and even flowers of some plants.]**

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