



INDIAN SCHOOL AL WADI AL KABIR



Class: VI	DEPARTMENT: SCIENCE 2022- 23	DATE: 20/04/22
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.VERY SHORT ANSWER (1M):

1. Why do boiled seeds fail to sprout? [Hint: Boiling kills the seed so boiled seeds fail to sprout.]
2. Where do bees store honey? [Hint: Bees store honey in beehives.]
3. Name any one plant that grows in water and is eaten as food. [Hint: Lotus. Stem of lotus is eaten as food.]
4. Name two sugar producing plants. [Hint: The sugar producing plants are Sugarcane and Sugar beet.]
5. Name a non-green plant that we eat. [Hint: Mushroom.]
6. What is honey? [Hint: Honey is a sweet substance (liquid) prepared by bees from the nectar (sweet juice) collected from flowers.]
7. Which part of a mustard plant is edible? [Hint: The edible parts of a mustard plant are seeds and leaves.]
8. What are the two main sources of food? [Hint: The two main sources of food are: Plants and Animals.]
9. Name the process in which moong are used to obtain more nutritious food. [Hint: Sprouting]
10. Name any four animals which provide us milk. [Hint: Some animals that give us milk are cow, goat, camel and buffalo.]

For the question numbers 11, 12 and 13, 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*

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

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

(iii) A is true but R is false.

12. **Assertion (A):** Bear is an omnivores animal.

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

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

13. **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.

II.PASSAGE BASED QUESTIONS:

Read the following passage and answer the questions.

Bees collect **nectar** (sweet juices) from flowers, convert it into honey and store it in their hive. Flowers and their nectar may be available only for a part of the year. So, bees store this nectar for their use all through the year. When we find such a beehive, we collect the food stored by the bees as honey. Honey is a unique food as all other food items need appropriate storage conditions but honey doesn't.

i) Nectar is converted to honey by

- a) Ants b) Wasp **c) Bees** d) Butterfly

ii) The source of honey is

- a) plant **b) animal** c) human beings d) both (a) and (b)

iii)What is Nectar?

- a) a place where bees live b) honey
c) **sweet juice of flowers.** d) name of queen bee.

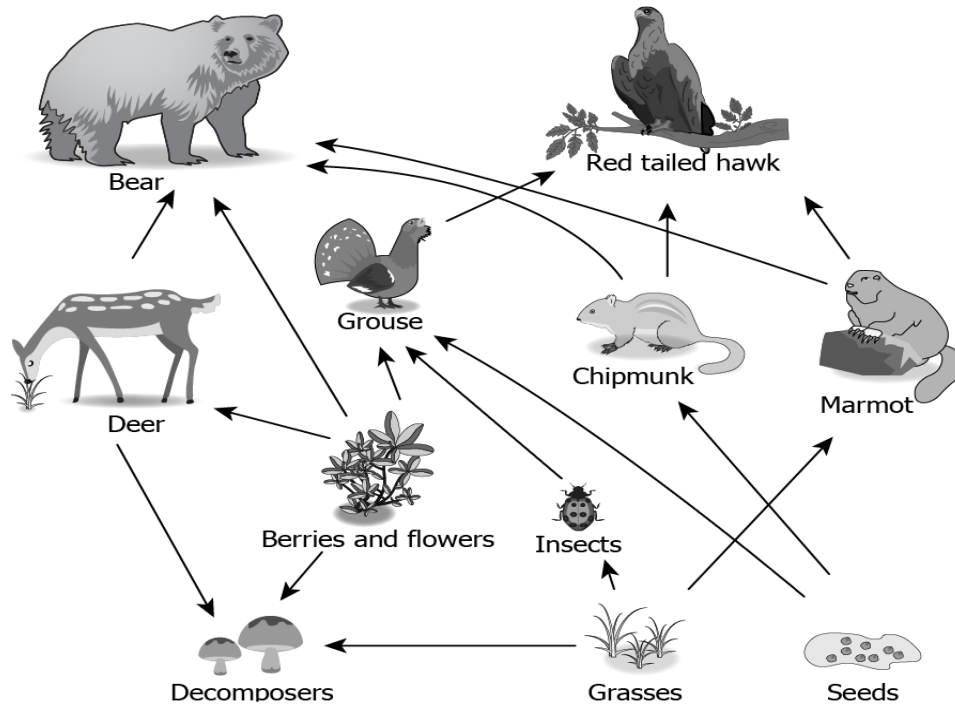
iv) Where does honey bees store honey?

- a) Flower **b) hive** c) root d) stem

v) 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.

III. CASE STUDY BASED QUESTIONS:



Observe the picture carefully.

1. Chipmunk feeds on the seeds while the Red-tailed hawk feeds on the Chipmunk, Grouse, Marmot. Identify the Carnivore.

- (a) Chipmunk
- (b) Grouse
- (c) Red tailed hawk
- (d) Marmot.

2. Which of the following option correctly represents only the Herbivores?

- (a) Chipmunk, Marmot, Deer
- (b) Bear, Marmot, Insects
- (c) Grouse, Deer, Red tailed hawk.
- (d) Red tailed hawk, Deer, Marmot.

3. Which of the following pair correctly represents the Omnivores?

- (a) Bear and Grouse
- (b) Grouse and Deer
- (c) Marmot and insects
- (d) Bear and Red-tailed hawk

IV a) SHORT ANSWER TYPE QUESTIONS (2 M):

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 sea water and from rock. Water is obtained from 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 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 amount of nutrients]

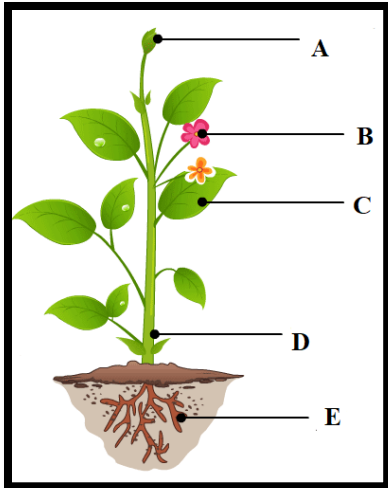
6. What do you mean by sprouting? [Hint: When seed begin to grow or germinate by developing white coloured tiny roots on them, they are called sprouts. This method of making sprouts from seeds is called sprouting.]

IV.b) SHORT ANSWER TYPE QUESTIONS (3 M):

1. Differentiate between Food producers and Food consumers.

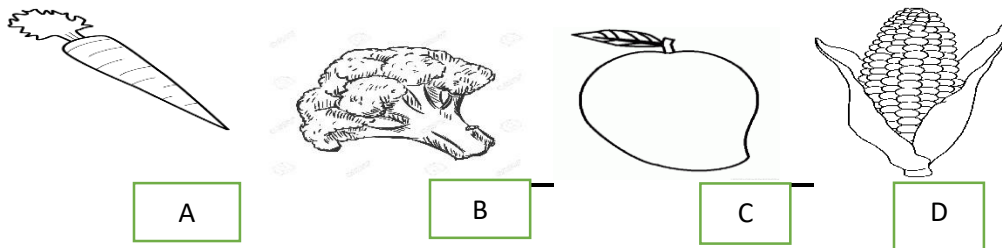
Food producers	Food consumers
The living beings which can prepare their own food by natural method are called food producers.	The living beings which cannot prepare their own food are called food consumers.
All the green plants are food producers	All the animals including human beings are food consumers.
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 a plant



[Hint A – Bud
 B - Flower
 C – Leaf
 D – Stem
 E - Root]

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

V. LONG ANSWER TYPE QUESTIONS (5M):

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

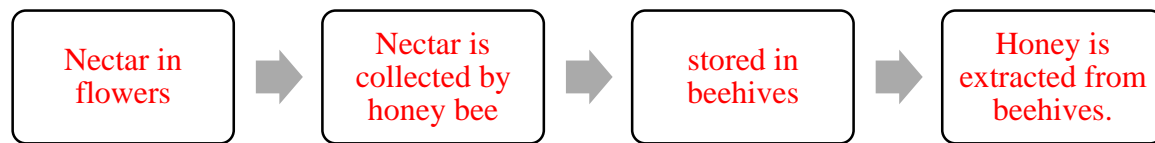
- Differentiate between herbivores, carnivores and omnivores. Give two examples of each.

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

3. Make flowcharts for the preparation of honey.

Preparation of honey:



4. 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.]

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