

Science Worksheet Class VI

Components of Food (Value-based Questions)

- The green plants make their own food by the process A by combining water (and nutrients like nitrogen), carbon dioxide gas and energy.
 - What is the name of process A?
 - From where do the green plants get carbon dioxide for making food?
 - From where do green plants get energy for making food?
 - What name is given to green plants which make their own food?
- The seeds of X or Y are put in a vessel containing water and kept overnight. The seeds are then removed from water, wrapped in a piece of wet cloth and kept aside for one day. Water is sprinkled on the piece of cloth from time to time. On opening the wrap, it is found that the seeds are converted into Z having tiny white structures.
 - What could the seeds X and Y be?
 - What is the general name of Z?
 - What are the tiny white structures in Z which grow out of the seeds?
 - In what way Z is a more nutritious food than X and Y?
- A, B, C and D are all living organisms. A, B and C need readymade food whereas D can make its own food by a natural process E. The organism A can eat B as well as D. The organism B eats only D or its products whereas organism C eats only organisms like B.
 - What is organism A? Give one example of A.
 - Name the organism B. Give one example of B.
 - What are organisms like C called? Give one example of C.
 - What is the general name of organisms like D? Give one example of D.
 - Name the process E.
- Food material X is a syrup-like, thick and sweet liquid which is made by a kind of insects by collecting nectar! from flowers. On the other hand, food material Y is a thin liquid which can be converted into yogurt.
 - What do you think is food X?
 - Name the insects which make food X.
 - Name the food Y.
 - Name two animals which provide us food Y.
- P and Q are two plants. The flowers of plant P are eaten as a vegetable whereas its fruit is a nutritious food. On the other hand the leaves of plant Q are eaten as a vegetable whereas its seeds provide an edible oil which is used as a cooking oil in the preparation of food. Name the plants P and Q.

Answer:

1. a. Fat b. Carbohydrate c. Roughage d. Butter e. Bread f. Vegetables and fruits

2. a. Vitamins b. Minerals c. Protein d. X – Vitamin and Y – Minerals e. Pulses and milk

3. a. Vitamin b. I. Vitamin D c. Vitamin C d. Vitamin A e. Vitamin D

4. W: Iodine X: Thyroid gland Y: Iron Z: Haemoglobin

5. P: Phosphorus Q: Calcium

Sharya Academy