

Science Test Class VI

Components of food and Getting to know plants

Time: 1 hr

M.M.: 45

1 x 6 = 6

1. Fill in the blanks:

- Foods rich in proteins are called _____ foods.
- The colour of iodine solution is _____.
- The gas given out by green plants during photosynthesis is _____.
- The part of a stem where a leaf arises is called _____.
- The loss of water through the stomata is called _____.
- Bleaching removes _____ from the leaves.

$\frac{1}{2} \times 6 = 3$

2. State true and false:

- After fertilization, the ovules grow into fruits.
- Male reproductive part of a flower is called stamen.
- Sea food and common salt are example of iodine rich food.
- Stems are known as food factories of the plant.
- Green stems have chlorophyll and can carry out photosynthesis.
- Deficiency of Protein leads to Kwashiorkor and Marasmus.

$\frac{1}{2} \times 6 = 3$

3. Give one word for the following:

- Conditions that excess body fats lead to _____.
- Conditions due to lack of dietary fibres _____.
- The green pigment found in leaves _____.
- A powdery substance produced by the anthers _____.
- Tiny ball like structures inside the ovary _____.
- The leaves arise from _____.

4. Give two examples for the following:

1 x 5 = 5

- Foods rich in starch
- Foods rich in fibres
- Plants having tap roots
- Plants having reticulate venation
- Iodine rich food

5. Answer the following:

2 x 5 = 10

- What will happen if three or more drops of iodine solution fall on starch substance?
- Name any two food sources of iron.

- c. A person having undergone a surgery is put on a high protein diet. Explain the reason.
- d. State the function of stem.
- e. Draw a label diagram of leaf.

6. Answer the following:

3 x 6 = 18

- a. What is a balanced diet? Why roughage forms. Important part of our meat.
- b. What do you mean by protective nutrients? mention their functions.
- c. State the importance of water in our body. Write three points.
- d. What are deficiency diseases? Give five examples with the related nutrients.
- e. What are the differences between taproot and fibrous root? Explain the relationship between types of roots and leaf venation.
- f. What are vitamins? Mention the various kinds of vitamins.

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