

Chapter 2: Parts of a Plant: Class 8

CLASS NOTES-ANSWERS

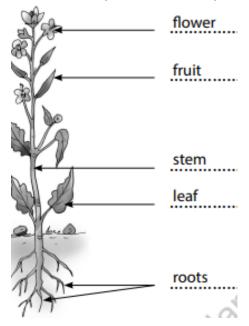
I. Complete the flow chart.

	Functions of a stem	
	<u> </u>	
''	ches, leaves, carries water and	carries food to different
plant flowers	and fruits minerals	parts of the plant
II. Choose the correct op	otion.	
1 form	the underground part of the	e plant.
a. Leaves	b. Roots	✓
c. Branches	★ d. Buds ★	
2. A plan	t has one main root from wl	hich many
thin roots come ou	t. Kanjirappally 680	
a. rice	b. wheat	
c. maize	d. bean	
3. Water and minerals	s are absorbed by the	of a plant.
a. roots	b. stem	
c. leaves	d. branches	
4 The flat broad and	generally green part of the l	leaf is called the
4. The hat, broad and	generally green part of the	ical is called the
•	la la a£l	
a. leaf vein c. lamina	b. leaf edg∈ ✓ d. midrib	
c. lamina	_ u. IIIIu/ID	

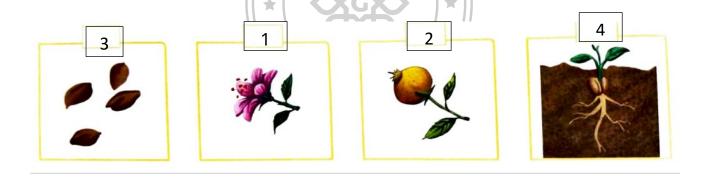


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II. Label the parts of this plant.



III. Arrange the following pictures in sequence by numbering them.



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IV. Answer the following questions

1. Name the two types of roots.

Answer:

The two types of roots are taproots and fibrous roots.

2. Explain the two types of roots with examples.

General Science



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Answer:

A taproot has one main root with many thin roots coming out of it. Rose plants and mango trees have taproots. A fibrous root has a bunch of roots arising from the base of the stem. Wheat and rice plants have fibrous roots.

3. Write the functions of the root.

Answer:

Roots hold the plant firmly in the soil. Roots absorb water and minerals from the soil.

4. How is the stem of a tree different from that of a climber?

Answer:

The stem of a tree is hard and woody and does not need any support to grow, while the stem of a climber is weak and needs support to grow.

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5. Why are leaves called the 'Kitchen of a plant'?

Answer:

Leaves help the plants in making food. That is why, they are called the 'kitchen of a plant'.

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6. Where are seeds present in a plant?

Answer:

The seeds are present in the fruits of a plant.

Higher Order Thinking Skills
Think and answer

1. A branch of a tree is broken in such a way that it still hangs on the tree.



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Will new leaves grow on the broken branch? Give reasons for your answer.

Answer:

New leaves cannot grow on the branch as it is broken and the stem cannot transfer raw materials or prepared food to the broken branch.

2. Pick up dry, fallen leaf. Match its colour with a leaf present on the tree. Which leaf will be able to make food? Give reasons for your answer.

Answer:

The leaf present on the tree is green in colour whereas the fallen leaf is brown in colour. The green leaf can prepare food as it is provided with raw materials by the stem and has the green substance in it that helps in preparing food.

