

A. Tick the correct answer

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Ans. chlorophyll, Oxygen, food

2. Air enters a plant through the stomata on its

Ans. leaves, flowers, stem

3. Which of the following is a non-green plant?

Ans. cactus, croton, neem

4. Removing the green pigment in a leaf is called



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Ans. photosynthesis, bleaching, breathing

5. Which programme helps to save trees?

Ans. Vanamahotsava, project Tiger, operation Flood

B. Fill in the blanks

1. The presence of a substance called chlorophyll makes a leaf green.
2. The process by which food is prepared in plants is called photosynthesis.
3. stomata are openings on the no underside of a leaf.
4. Moulds and croton are non-green plants.
5. Animals need food to eat and air to breathe.

Answer these questions



Q1. How would you show that a green leaf has starch in it?

Ans. When we add iodine to bleached leaf which is boiled in water then alcohol turns blue-black this shows that starch is present in a green leaf.

Q2. Write the functions of the stomata.

Ans. The main function of stomata is to open and close the pores in the leaves for an exchange of gases.

It allows the plant to take in carbon dioxide and give out oxygen for photosynthesis. Based on the weather conditions, it closes or opens its pores to keep the moisture content developed.

Q3. How do plants use their food?

Ans. Plants use their food in no. of ways

The food prepared by plants is in the form of simple sugar.

It is used to get energy.

• Some of it is used for growth.

• Extra food is stored in the form of starch in leaves, stem or roots.

• We eat that part of the plant which has food stored in it.