

## Plants in the Surroundings.

Q1. Why are plants important?

A1. Plants are the most important living things as they provide us with oxygen to breathe. They give us fruits and vegetables, oils, spices, medicines and wood. Many animals live in/on plants.

Q2. Write two important functions of the root.

A2. Roots fix the plant to the soil. They take in water and nutrients from the soil for the plant.

Q3. What are stomata?

A3. Stomata are tiny openings on the leaves. They help the plant to take in and give out air.

(2)

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Q4. What is photosynthesis?

A4. The process by which green leaves prepare food using carbon-di-oxide, water and minerals in the presence of sunlight is called photosynthesis.

Q5. What is germination?

A5. The process by which a seed grows into a new plant is called germination. A seed germinates when it gets the right amount of air, water, warmth, temperature and nutrients.

(3)

3A+B

Science Chap 5

Q6. Fill in the blanks:

1. Most fruits contain seeds.
2. Sunlight is needed for photosynthesis.
3. A grapevine has a weak stem.
4. The life of a plant starts with a seed.
5. Seeds are of two types - dicot and monocot.
6. Flowers change into fruits.
7. The flat part of a leaf is called the leaf blade.
8. The green substance in leaves is called chlorophyll.
9. The shoot consists of the stem, leaves, flowers, fruits and seeds.
10. The banyan tree has a thick and strong stem called the trunk.

(4)

Q7. Name

1) Two types of roots

a) Tap Root

b) Fibrous Roots.

2) Two plants with tap roots.

a) Radish

b) carrot

3) Two plants with fibrous roots

a) wheat

b) grass

4) Two stems that we eat

a) sugarcane

b) Potato.

5) Two fruits with many seeds.

a) watermelon

b) papaya

6) Two dicot seeds

a) pea

b) gram.

