

**NORTHEX PUBLIC SCHOOL**  
**EVS WORKSHEET-5**  
**CLASS V, 2020-2021**  
**CHAPTER -4 THE PLANT STORY (Part 1)**

**Do all questions in a sheet.**

**Summary (Ch 4 of video, part 1)**

- \* plants can grow from seeds , stems, roots, leaves and spores.
- \*The flowering plants reproduce through seeds.
- \*A seed produces a baby plant when it gets the right amount of water , air, sunlight for germination.
- \* A plant produces seeds in large number.

1. Fill in the blanks

- a. The \_\_\_\_ stores food for the baby plant.
- b. Seed leaves are known as\_\_\_\_\_
- c. A tiny hole through which a seed absorbs water is known as\_\_\_\_.
- d. A baby plant inside the seed is known as\_\_\_\_\_.

2. Write T for true and F for false.

- a. Seeds germinate in the presence of water, air, sunlight and warmth.
- b. The part of the plant that grows above the ground is called the shoot system.
- c. A seed has an outer covering called micropyle.

3. Write functions of the following.

- a. Seed coat or testa
- b. micropyle
- c. cotyledons or seed leaves

4. Answer these questions

- a. Explain the process of germination of a seed with the help of diagram.
- b. What does a seed need to germinate?
- c. Draw a neat and well labelled diagram showing structure of seed.

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**ANSWER KEY -5 (Ch-4 of video, Part 1)**

1. a.cotyledons b.cotyledons c.micropyle d. embryo

2. a.T b.T c.F

3. Seed coat-It protects the seed.

Micropyle- The seed absorbs water through it.

Cotyledons- These store food for the baby plant.

4.a. i.A seed absorbs water through the hole and the seed coat becomes soft and loose.

ii. A small root emerges from the seed and grows downward.

iii. A small shoot emerges from seed and grows upward.

v. The seed with a small root and shoot is called seedling .It uses food in the cotyledons for growth.

vi. The green leaves then start appearing and the process of photosynthesis starts in the plant. The seedling develop into new plant. **(Refer video for diagram)**

b. A seed will grow into baby plant only after it gets right amount of air,water and warmth.

c. **(Refer video for diagram)**