

St. Thomas School, Dhurwa, Ranchi – 4.

Annual term - 2020-2021

Class: 5

Subject: SCIENCE

Chapter-5: Plant Reproduction
Practice Paper with Answers

I. Give the technical term for the following.

1. Type of reproduction that involves one parent

Ans. Asexual reproduction

2. The reproductive part of a plant

Ans. Flower

3. It has three main parts- seed coat, embryo and cotyledon.

Ans. Seed

4. The tiny thread like tube, down the style of the pistil, that carry the male gamete

Ans. Pollen tube

5. Other name for seed leaves

Ans. Cotyledons

II. Fill in the blanks with the appropriate terms.

1. After fertilization, the zygote develops into an embryo.

2. After pollination, the pollen develops a pollen tube.

3. The surface of potato bears special structures called eyes.

4. Reproduction that involves two parents is called sexual reproduction.

5. A seed germinates into a seedling.

III. State whether the following statements are true or false. If false, rewrite the statements by changing first or the last word.

1. Non flowering plants can reproduce by formation of seeds.

Ans. False; Non flowering plants can reproduce by formation of spores.

2. The seeds of cocklebur plant have hooked spines.

Ans. True

3. Potato stores food in its thick and fleshy underground root.

Ans. False; Potato stores food in its thick and fleshy underground stem.

4. The fibrous outer covering of a coconut enables it to float away on water.

Ans. True

5. The embryo grows into a new plant when conditions are right.

Ans. True

IV. Complete the pairs.

1. Tiny root : radicle :: Tiny shoot: plumule

2. Ovary : fruit:: Ovules : seeds

3. Two cotyledons : dicot seed :: one cotyledon : monocot seed

4. Sweet potato : root:: Bryophyllum : leaf

5. Hairs : dandelion :: Wings: maple

