



INDIAN SCHOOL DARSAIT

DEPARTMENT OF SCIENCE



Subject : Science	Topic : Reproduction in plants	Date of Worksheet : 13 -02-2019
Resource Person: Mrs.Induresmi	Class & Division:	Date:
Name of the Student:		Roll Number:

A FILL UP (1 mark each)

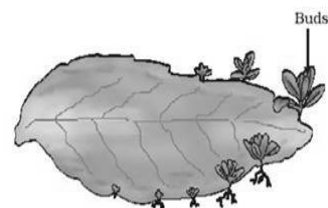
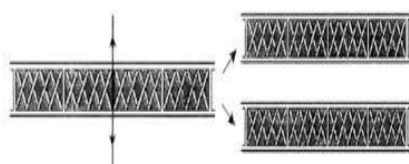
- 1 -----reproduction require fusion of male and female gametes.
- 2 The reproductive cells are called -----
- 3 The scars on the potato are called -----
- 4 In -----pollen grains are transferred from the anther to the stigma of the same flower.
- 5 ----- is the single celled structure produced after fertilization , which later develops in to an embryo.

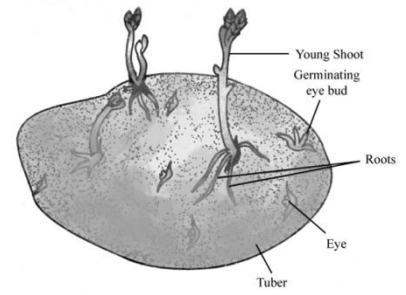
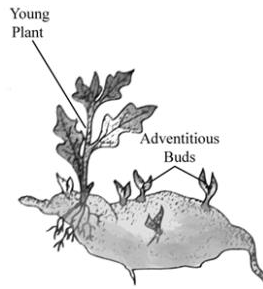
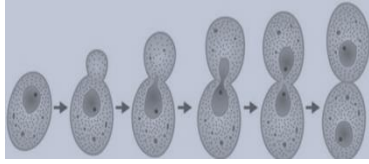
B ANSWER THE FOLLOWING.

- 1 Name two plants for each of the following whose seeds are dispersed by 2
 - a) Animals
 - b) Fruit burst
 - c) Wind
 - d) Water
- 2 Write the correct sequence of the following events that take place during sexual reproduction in plants. 2

Fertilisation, pollination , development of embryo , germination of pollen tube , seed formation , falling off of all parts of the flower except ovary.

- 3 Circle the odd one out ,giving reason for your answer. 1 each
 - a) Root , stem , flower , leaf
 - b) Stigma , style , ovary , filament
 - c) Rose , hibiscus , corn , petunia
- 4 Identify the plant and state the mode of asexual reproduction in them. 1 each





- 5 **Give Reasons:** 1
- a) Insect pollinated flowers are usually bright, scented and have nectar . each
 - b) Maple seeds can be carried to long distances by wind for dispersal.
 - c) Hibiscus is an example of a bisexual flower.
 - d) Spores can survive for a long time.

6 Why do farmers leave space while sowing seeds? 1

7 Coconut is a large and heavy fruit. How is it adapted for dispersal by water? 1

8 In the figure of a flower, label the parts whose functions are given below and give their names. 1 each



- a) The part which contains pollen grains.
- b) The part where the female gamete is present.
- c) The female reproductive part where pollen grains germinate.
- d) The part where fertilisation occurs.

9 List out the post fertilisation changes in a flower. 2

10 Label the figure given below. 1/2
each

