The Shri Ram School - Aravali
Subject (Worksheet): Biology
Topic: Pollination and Fertilization
Class: IX (2021-22)
Name…… Sec…… Date…….

1. Choose the correct option: (5)

a. Transfer of pollen grains from a flower to the stigma of another flower on the same plant is:
   i. Allogamy
   ii. Geitonogamy
   iii. Autogamy
   iv. None of the above

b. Insect pollinated flowers are:
   i. Small
   ii. Not brightly colored
   iii. Large and showy
   iv. Sticky

c. The condition in which the androecium and the gynoecium mature at different times.
   i. Homogamy
   ii. Heterogamy
   iii. Dichogamy
   iv. Protogyny

d. Flowers that are closed and can favour self- pollination only are:
   i. chasmogamous flower
   ii. cleistogamous flower
   iii. perfect flower
   iv. sterile flower

e. Choose the correct option:
   i. Herkogamy is when the pollen of a flower cannot reach the stigma of the same flower due to some mechanical barrier.
   ii. Self-sterility in flowers promotes self-pollination.
   iii. Protandry is when the stigma of a flower matures earlier than the anthers.
   iv. None of the above

LIVEWORKSHEETS

2. Choose the technical term: **(2.5)**

Anemophilous	Seeds	Integument
Exine	Entomophilous	Fruit

a. Flower pollinated by insects. [ ]

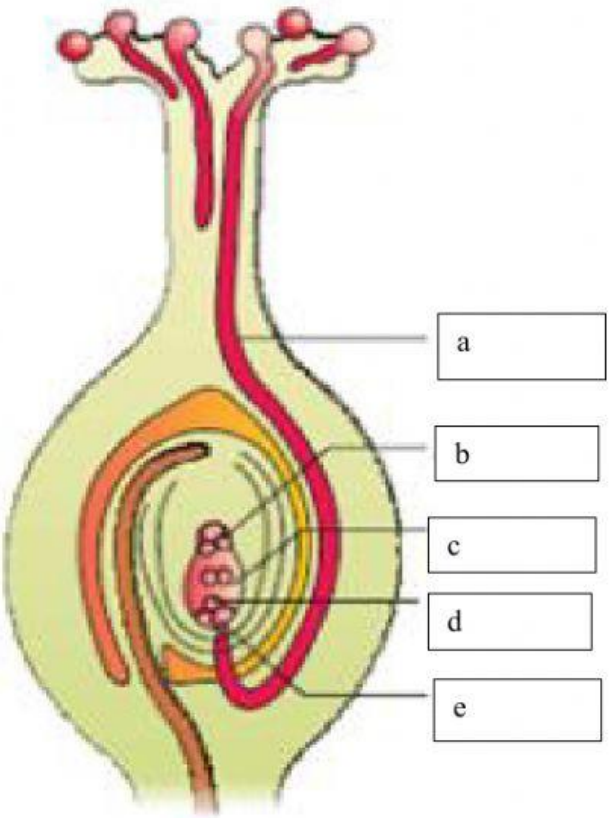
b. Outer wall of pollen grain. [ ]

c. Flower pollinated by wind. [ ]

d. After fertilization, ovule forms the_____. [ ]

e. Protective covering around ovule. [ ]

3. Match the parts with the correct label: **(2.5)**



Antipodal

Synergid

Pollen tube

Polar Nuclei

Egg Cell

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