

Class : 5

Subject: Science

Topic: Ch.4 Pollination (part ii)

ASSIGNMENT

Answer the following questions.

Q5. Name the female reproductive part of the flower.

Ans. Pistil is the female reproductive part of the flower.

Q6. What is pollination?

Ans. The transfer of pollen grains from the anther (of the Stamen) to the stigma (of the pistil) by some agents like wind, water, Bird and is called pollination.

Q7. Differentiate between self pollination and cross pollination.

Ans. Self pollination: the transfer of pollen grains from the anther to the stigma of the same flower or another flower on the same plant is called self pollination.

Cross pollination: the transfer of pollen grains from the anther of one flower to the stigma of another flower on two different plant of the same species is called cross pollination.

Q8. What is the function of calyx and corolla?

Ans. The sepals which are units of calyx protect the flower during the bud stage. The petals which are units of corolla attracts the insects which help in pollination of the flower.

B. Tick the correct option.(do in book)

1.c 2.a 3.d 4.c 5.d

C. Fill in the blanks. (do in book)

1.pedicel 2.stigma 3.androecium 4.calyx
5.female

D. Write true or false.(do in book)

1.true 2.false 3.true 4.true 5.false

E. Match the columns: (do in book)

1. Unisexual flower- ----papaya

2. Bisexual flower- -----hibiscus

3. Androecium-----male reproductive part

4. Gynoecium----- female reproductive part

5. Sepals--- calyx

6. Petals -----corolla