

Q. No.
14/10/20

Ch-2 - Reproduction in Plants

Multiple choice Questions.

1. Put a tick mark (✓) against the correct alternative in the following statements.

a) Pollen is produced in the:

- i. Filament ii. Style
iii. Pistil iv. Anther

b) Reproductive whorls of a flower are:

- i. Stamens and carpels ii. Sepals and petals
iii. Sepals and stamens
iv. Petals and carpels

c) Grafting is a method of:

- i. Artificial vegetative propagation
ii. Sexual reproduction
iii. Artificial pollination
iv. Cross pollination

Short Answer Questions:

1. Write two ways in which pollination may occur in plants.

ans. The two ways in which pollination may occur in plants are.

1) Self-pollination

2) cross-pollination

2. Name the three agents of pollination.

ans. Wind Pollination
Water Pollination
Insect pollination.

3. Give two features of flowers which favour pollination by insects.

ans. The two features of insect by pollination are.

a) The bright colour of petals to attract insect

(3)

b) Nectar to attract insects

4) Name two characteristics of flowers in which pollination occurs by wind.

ans a) Flowers are small and light so that they can easily float on water

b) Male and female flowers are borne on separate plants

5. Fill in the blanks by selection of suitable words.

Unisexual, Fertilisation, fruit, stamen
anther, bisexual, pollination, seed, ovary

a) A flower that bears both the male and the parts is known as anther flower.

b) A flower bearing only male or female part is known as unisexual flower.

c. Transfer to the st

d. Fusion of is called

e. The over

f. The over
fruit

(4)

C Transfer of pollen grains from the anther to the stigma is known as Pollination

d. Fusion of male cell with the female cell is called fertilisation

e. The ovule develops into a seed

f. The ovary of the flower develops into a Fruit.

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