



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 07

Class: XII

Sub: Biological science

Date: 18.05.2020

Topic: Sexual Reproduction in flowering Plants (part 3)

Pollination and out breeding devices

F.M. : 15

Choose the correct option:

(1x15=15)

1. The following is not a type of self pollination :-
a) Autogamy b) Xenogamy c) Geitonogamy d) Both (a) and (c)
2. Autogamy is defined as the transfer of pollen grains from the anther a flower to the :-
a) Stigma of different flower on same plant b) Stigma of the flower on another plant c) Stigma of the same flower d) Stigma of another flower species
3. When pollen grains from a flower is transferred to the stigma of another flower on the same plant. It is called :-
a) Autogamy b) Allogamy c) Xenogamy d) Geitonogamy
4. A condition where anther and stigma mature at the same time :-
a) Homogamy b) Dichogamy c) Herkogamy d) Chasmogamy
5. A condition where the flowers never open is called :-
a) Chasmogamy b) Xenoogamy c) Dichogamy d) Cleistogamy
6. The following are/is the out breeding devices :-
a) Self sterility b) Herkogamy c) Cleistogamy d) Both (a) and (b)
7. Protandry is found in the following plant :-
a) *Salvia* b) *Gossypium* c) *Helianthus* d) All of these
8. A condition which refers to the dimorphism flowers with styles of different length :-
a) Herkogamy b) Protogyny c) Heterostyly d) None of these
9. The examples of biotic agents for pollination are :-
a) Wind b) Birds c) Bats d) Birds and Bats both
10. Transfer of pollen grains by wind is called :-
a) Anemophily b) Hydrophily c) Entomophily d) None of these
11. The type of pollination brought about by snails is called :-
a) Entomophily b) Ornithophily c) Chiropterophily d) Malacophily
12. The following is the characteristic of an insect pollinated flower :-
a) Pollen grain is sticky b) Pollen grain is dry c) Flower is not showy d) Flower is scentless

13. Stigma are long, often feathery and protrudes above petals in a _____ pollinated flower.
a) Water b) Wind c) Bats d) Snail
14. The moth completes its life cycle in the following flower and also pollinates if simultaneously:-
a) Salvia b) Rose c) Maize d) *Yucca*
15. The contrivances of a bird pollinated flower :-
a) Large quantity of nectar b) Tuber shaped flower c) Large and showy d) All of these

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