



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 11.06.2020

CHAPTER: CONTINUITY OF LIFE

TOPIC: POLLINATION

WORKSHEET SOLUTION 34

Choose the correct option:

(1X15=15)

- The other name of self-pollination is
a. Homogamy
- The transfer of pollen grain from the anther to the stigma of different flower of a plant is
a. Self-pollination
- The transfer of pollen grain from the anther to the stigma of same flower of a plant is called
b. Autogamy
- Cleistogamous flowers are related to
b. Do not open at maturity
- Which of the following is not a Cleistogamous flower?
c. Pea
- If the stamen and carpel of a flower doesn't mature at the same time, they are unable to
b. Self-pollinate
- Purity of species is lost in
b. Cross-pollination
- Which of the following exhibits Cross-pollination?
d. Both a&b
- Which of the following increases the chances of extinction of a species?
a. Self-pollination
- Cross-pollination of a species
a. reduces the possibility of expression of deleterious genes
- Which of the following type of flowers have pollen grain containing unique proteins
a. Self-pollinating flower
- Huge amount of pollen grain is required during Cross-pollination for
c. both a&b
- The possibility of formation of male sterile lines increases due to
a. Self-pollination
- Pollen grain of flowers showing cross-pollination are usually light in weight as
a. They are carried by pollinators
- Which of the following exhibits homogamy?
b. Commelina

-Debjani Chakraborty