



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 34

Choose the correct option:

(1X15=15)

- The other name of self-pollination is
a. Homogamy b. Heterogamy c. Isogamy d. Anisogamy
- The transfer of pollen grain from the anther to the stigma of different flower of a plant is
a. Self-pollination b. Cross-pollination c. Both a&b d. None of these
- The transfer of pollen grain from the anther to the stigma of same flower of a plant is called
a. Geitonogamy b. Autogamy c. Cleistogamy d. None of these
- Cleistogamous flowers are related to
a. Open at maturity b. Do not open at maturity c. Cross-pollination d. Both b&c
- Which of the following is not a Cleistogamous flower?
a. *Oxalis* b. *Viola* c. Pea d. None of these
- If the stamen and carpel of a flower doesn't mature at the same time, they are unable to
a. Cross-pollinate b. Self-pollinate c. Both a&b d. None of these
- Purity of species is lost in
a. Self-pollination b. Cross-pollination c. Isogamy d. Both a&b
- Which of the following exhibits Cross-pollination?
a. Gourd b. Palmyra palm c. Groundnut d. Both a&b
- Which of the following increases the chances of extinction of a species?
a. Self-pollination b. Cross-pollination c. Both a&b d. None of these
- Cross-pollination of a species
a. reduces the possibility of expression of deleterious genes
b. doesn't require pollinating agent
c. is a surer process
d. takes less time
- Which of the following type of flowers have pollen grain containing unique proteins
a. Self-pollinating flower b. Cross-pollinating flower c. Heterogamous flower d. None of these
- Huge amount of pollen grain is required during Cross-pollination for
a. Successful pollination b. It is not surer process c. both a&b d. None of these
- The possibility of formation of male sterile lines increases due to
a. Self-pollination b. Cross-pollination c. Both a&b d. None of these
- Pollen grain of flowers showing cross-pollination are usually light in weight as
a. They are carried by pollinators b. They are formed in bisexual flowers
c. They are formed in unisexual flowers d. None of these
- Which of the following exhibits homogamy?
a. *Calotropis* b. *Commelina* c. Both a&b d. None of these

-Debjani Chakraborty