



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 13.06.2020

CHAPTER: CONTINUITY OF LIFE

TOPIC: FERTILIZATION

WORKSHEET SOLUTION 36

Choose the correct option:

(1X15=15)

- The embryo formed in a plant consists of
d. All of these
- The chromosome number of the zygote formed after fertilization is
c. $2n$
- The endosperm has the chromosome number as
b. $3n$
- The opening through which the pollen tube usually enters the ovule is
a. Micropyle
- The pollen tube is formed by the
b. Vegetative cell
- Endosperm is formed by the fusion of one male gamete and
b. Two polar nuclei
- The formation of the zygote is called
b. Syngamy
- The dormancy period is broken down by
a. Gibberellins
- The growing embryo gets its nutrition from
c. Endosperm
- The period of dormancy depends upon
d. Both a&b
- Viability of seeds
c. Both a&b
- Seed dormancy is important because the seeds require
c. Both a&b
- The polar nuclei are present within
a. Ovule
- Which of the following is incorrect?
c. Embryo \longrightarrow Zygote
- Which of the following shrivels and fall off in post fertilization phase?
d. All of these

-Debjani Chakraborty