



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 13.05.2020

CHAPTER: CONTINUITY OF LIFE

TOPIC: MEIOSIS

WORKSHEET SOLUTION 26

Choose the correct option:

(1X15=15)

1. Which of the following is the longest sub phase of Meiotic Prophase I?

c. Pachytene

2. Which of the following is called heterotypic division?

b. Meiosis I

3. Crossing over doesn't occur between

b. Sister Chromatids

4. Each tetrad during crossing over consists of

c. 4 Chromatids

5. The process of formation of tetrads during crossing over is called

b. Synapsis

6. Which of the following complexes help in the formation of tetrad during crossing over?

c. Synaptonemal

7. In which of the following stage does the bivalents orient themselves at the equator?

a. Metaphase I

8. The result of Meiosis I is formation of

c. Diploid cells

9. The pollen mother cell of plants are also called

a. Microsporocytes

10. The two identical copies formed by the replication of a single chromosome is called

b. Sister Chromatids

11. Meiosis can give rise to

d. All of these

12. Homologous chromosomes have

d. Both a&b

13. Which of the following is the longest phase of Meiosis I?

c. Prophase I

14. Meiosis I & II are separated by

b. Interkinesis

15. In crossing over there is

d. All of these

-Debjani Chakraborty