



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 12.05.2020

CHAPTER: CONTINUITY OF LIFE

TOPIC: MITOSIS (PART3) &
INTRODUCTION TO MEIOSIS

WORKSHEET SOLUTION 25

Choose the correct option:

(1X15=15)

1. Which of the following are formed as a result of Meiotic cell division?
d. Both b & c
2. How many daughter cells are formed as a consequence of a normal Meiosis I?
a. Two
3. Which cellular division of Meiosis has similarity with Mitotic cell division?
b. Meiosis II
4. Who coined the term Meiosis?
d. Both a& b
5. In animal cell cytokinesis, which of the following drives the cleavage process?
a. Contractile ring
6. Cell plate formation is seen during the cytokinesis of
a. Plant cell
7. A cell forms multiple nucleus if cytokinesis doesn't take place & the cell is called
b. Coenocyte
8. The cell plate formed between two daughter nuclei in plant, later develops into
b. Cell wall
9. Which of the following is the basis of growth in multicellular organisms?
a. Mitosis
10. Which type of cells get replaced regularly?
d. All of these
11. Which of the following shows regeneration of lost parts?
d. All of these
12. Which of the following type of cell division can be observed if onion root tips are processed & seen under the microscope?
a. Mitosis
13. *Hydra* shows bud formation which leads to the formation of an individual. This is
d. Both a&c
14. Cell plate formed during cytokinesis is related to
d. All of these
15. The mitotic spindle is amphiastral in
a. Animal cell