



# 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 25

Choose the correct option:

(1X15=15)

- Which of the following are formed as a result of Meiotic cell division?  
a. Skin cells                      b. Sex cells                      c. Gametes                      d. Both b & c
- How many daughter cells are formed as a consequence of a normal Meiosis I?  
a. Two                      b. four                      c. Both a&b                      d. None of these
- Which cellular division of Meiosis has similarity with Mitotic cell division?  
a. Meiosis I                      b. Meiosis II                      c. Both a&b                      d. None of these
- Who coined the term Meiosis?  
a. Farmer                      b. Moore                      c. Vanbeneden                      d. Both a & b
- In animal cell cytokinesis, which of the following drives the cleavage process?  
a. Contractile ring                      b. Phragmoplast                      c. Golgi vesicles                      d. None of these
- Cell plate formation is seen during the cytokinesis of  
a. Plant cell                      b. Animal cell                      c. *Amoeba*                      d. Both a & b
- A cell forms multiple nucleus if cytokinesis doesn't take place & the cell is called  
a. Syncytium                      b. Coenocyte                      c. Both a&b                      d. None of these
- The cell plate formed between two daughter nuclei in plant, later develops into  
a. Cell membrane                      b. Cell wall                      c. Golgi vesicles                      d. ER
- Which of the following is the basis of growth in multicellular organisms?  
a. Mitosis                      b. Meiosis I                      c. Meiosis II                      d. Both a & b
- Which type of cells get replaced regularly?  
a. Skin cells                      b. Blood cells                      c. Intestinal epithelial cells                      d. All of these
- Which of the following shows regeneration of lost parts?  
a. Starfish                      b. Crustaceans                      c. Lizard                      d. All of these
- Which of the following type of cell division can be observed if onion root tips are processed & seen under the microscope?  
a. Mitosis                      b. Meiosis I                      c. Meiosis II                      d. Both a & b
- Hydra* shows bud formation which leads to the formation of an individual. This is  
a. Mitosis                      b. Meiosis I                      c. Asexual reproduction                      d. Both a&c
- Cell plate formed during cytokinesis is related to  
a. Phragmoplast                      b. Cell wall                      c. Golgi vesicles                      d. All of these
- The mitotic spindle is amphiastral in  
a. Animal cell                      b. Plant cell                      c. Both a&b                      d. None of these

-Debjani Chakraborty