



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 01.05.2020

CHAPTER: CONTINUITY OF LIFE

TOPIC: CELL CYCLE

WORKSHEET SOLUTION 22

Choose the correct option:

(1X15=15)

1. A cell passes most of its life through
a. Interphase
2. The apparent resting phase of cell cycle of a cell is
d. All of these
3. Which of the following is related to G_0 phase?
c. Both a & b
4. Which of the following phase comes between DNA Synthesis & mitosis?
b. G_2
5. Which of the following preparation a cell takes during G_1 phase?
c. Both a & b
6. A cell goes out of cell cycle through
d. G_0
7. The checkpoint in the G_1 phase is also called
. Both a&b
8. Checkpoints in cell cycle are functional due to the presence of
c. Both a & b
9. The G_2 checkpoint mainly has the function of checking
c. Both a & b
10. The M checkpoint of cell cycle is also known as
d. All of these
11. The Metaphase checkpoint checks and ensures about
c. Spindle attachment to kinetochore
12. If a cell has incorporated wrong base pair during replication, then it will be detected during
a. G_2 checkpoint
13. The time span through which a cell remains in its S phase is more than
d. both b& c
14. If in a cell the kinetochore doesn't anchor properly with spindle fibres, the cell halts at
c. M
15. Which of the following type of G_0 phase does a neuron reach?
b. Permanent