



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 30.11.2020

CHAPTER: CONTINUITY OF LIFE

TOPIC: REVISION

WORKSHEET SOLUTION 49

**Choose the correct option:**

**(1X15=15)**

1. Gibberellins control

**c. Both a&b**

2. Which of the following doesn't have role in determining the polarity of DNA molecule

**d. Both b &c**

3. The spindle assembly checkpoint checks for

**c. chromosome attachment to spindle**

4. Cell cycle includes

**c. Both a&b**

5. In a cell cycle a cell remains spends maximum time in

**a. G<sub>1</sub>**

6. At which stage does chromosomes undergo maximum condensation & coiling?

**c. Metaphase**

7. The mitotic division in plant cell was first observed by

**c. Strassburger**

8. Which of the following shapes is taken up by the Metacentric chromosome during anaphase?

**a. V**

9. Which of the following is linked with cancer?

**d. All of these**

10. Which of the following part of Chromosome is not involved in protecting ends of Chromosome?

**d. Both b&c**

11. Which of the following is a mitocyte?

**d. All of these**

12. The mitotic spindle in animal cells is

**a. Amphiatral**

13. Which of the following is not the essential whorl of a flower?

**c. Androecium**

14. Presence of what makes pollen grains specific for the stigma of the same flower?

**a. Protein**

15. Maturation of anther & stigma at a different time is an adaptation for

**b. Cross-pollination**

-Debjani Chakraborty