



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 15.06.2020

CHAPTER: CONTINUITY OF LIFE

TOPIC: GROWTH & DEVELOPMENT

WORKSHEET 37

Choose the correct option:

(1X15=15)

1. Increased functioning of a part of an organism's body is mainly
 - a. Growth
 - b. Development
 - c. Cell division
 - d. None of these
2. An irreversible increase in the dry mass of an organism is called
 - a. Growth
 - b. Differentiation
 - c. Cell division
 - d. Development
3. Which is the more reliable measure of mass?
 - a. Fresh mass
 - b. Dry mass
 - c. Both a&b
 - d. None of these
4. Development consists of
 - a. Growth
 - b. Formation of new organs
 - c. Both a&b
 - d. None of these
5. Which of the following is the qualitative change?
 - a. Growth
 - b. Cell division
 - c. Both a&b
 - d. Development
6. In plants, cells enlarge due to
 - a. Increased turgor pressure
 - b. increase in plasticity
 - c. Both a&b
 - d. None of these
7. Which of the following is true during the enlargement of plant cells?
 - a. Vacuoles split
 - b. Vacuoles fuse together
 - c. cells osmotically active
 - d. All of these
8. After differentiation the liver & the kidney cells has
 - a. Same gene expression
 - b. differential gene expression
 - c. Same cells
 - d. None of these
9. Which of the following is correct for stem cells?
 - a. Undifferentiated cells
 - b. Differentiated cells
 - c. found in young embryo
 - d. Both a&c
10. The genetic response of a cell to its environment mainly leads to
 - a. Growth
 - b. Differentiation
 - c. Cell division
 - d. Both a&b
11. The first cell of the new generation is
 - a. Embryo
 - b. Zygote
 - c. Gamete
 - d. Stem cell
12. Which of the following phases comprise of growth?
 - a. Cell Differentiation
 - b. Cell elongation
 - c. Cell Division
 - d. All of these
13. In which of the following growth indicates population?
 - a. Bacteria
 - b. Yeast
 - c. Earthworm
 - d. Both a&b
14. Which of the following helps in the increase in length of plants?
 - a. Lateral meristem
 - b. Apical meristem
 - c. Intercalary meristem
 - d. Both b&c
15. Morphogenesis in animal development is brought about mainly by
 - a. Cell shape change
 - b. Cell proliferation
 - c. Both a&b
 - d. None of these

-Debjani Chakraborty