DR. ADWET'S BIOLOGY TUITIONS

BIOLOGY NCERT XI | CELL - THE UNIT OF LIFE | LECTURE 11 MCQs

1. Pick the incorrect statement for Cellulose
   (a) It is a Homopolymer
   (b) It is Hydrophilic
   (c) Branched Polymer
   (d) Crystalline and Strong
2. Which layer of the cell wall is the first one to be produced in a new plant cell immediately after division?
   (a) Middle Lamella
   (b) Primary cell wall
   (c) Secondary cell wall
   (d) Tertiary cell wall
3. Cell Wall is
   (a) Living
   (b) Non Living
   (c) Semi Transparent
   (d) Both (b) and (c)
4. Which of the following is not found in Algal cell walls?
   (a) Cellulose
   (b) Hemicellulose
   (c) Galactan
   (d) Mannan
5. Main component in the matrix part of Cell Wall is
   (a) Water
   (b) Hemicellulose
   (c) Pectic substances
   (d) Proteins
6. Which of the following is rich in Calcium and Magnesium Pectates?
   (a) Middle Lamella
   (b) Primary cell wall
   (c) Secondary cell wall
   (d) Tertiary cell wall
7. Cell wall was first seen by
   (a) Theodore Schwann
   (b) Anton Von Leeuwenhoek
   (c) Robert Hooke
   (d) Rudolf Virchow
8. Which of the following is rich in Xylans?
   (a) Middle Lamella
   (b) Primary cell wall
   (c) Secondary cell wall
   (d) Tertiary cell wall
9. Which of the following helps in cementing cell walls?
   (a) Lignin
   (b) Suberin
   (c) Cutin
   (d) Pectin
10. Which of the following is thin and elastic?
    (a) Middle Lamella
    (b) Primary cell wall
    (c) Secondary cell wall
    (d) Tertiary cell wall
11. Primary Cell wall is
    (a) Impermeable
    (b) freely permeable to small molecules
    (c) Rigid
    (d) made up of lignin
12. A protoplasmic continuation in between cells is called as a
    (a) Symplast
    (b) Protoplasmic Bridge
    (c) Plasmodesmata
    (d) Fimbriae
13. Which of the following has heavy deposition of Cellulose and Lignin?
    (a) Middle Lamella
    (b) Primary cell wall
    (c) Secondary cell wall
    (d) Tertiary cell wall
14. Which of the Following cells have centrosomes?
    (a) Plant cell
    (b) Animal cell
    (c) Bacterial cell
    (d) All of the above
15. Which of the following can provide strength and rigidity to the Cell wall?
    (a) Lignin
    (b) Suberin
    (c) Cutin
    (d) Pectin