

Cell: The Unit of Life

DPP-03

- Which of the following component of Plasmamembrane is present in the form of bilayer?
 - Lipid
 - Protein
 - Carbohydrate
 - All
- The tail of phospholipid of Plasmamembrane should be protected from aqueous environment. Because the tail is
 - Nonpolar
 - Hydrophobic
 - Polar
 - More than one is true
- Which surface of Plasmamembrane has carbohydrate?
 - Noncytosolic
 - Cytosolic
 - Extracytoplasmic
 - More than one is true
- Which component of Plasmamembrane is absent in prokaryote?
 - Phospholipid
 - Glycolipid
 - Protein
 - Sterol
- Protoplast is plant cell without
 - Plasmamembrane
 - Cell wall
 - Both plasmamembrane and cell wall
 - Cell organelles
- Cytoplasm is cell without
 - Cell wall
 - Plasmamembrane
 - Nucleus
 - All of the above
- Which of the following is nonmembrane bound organelle?
 - Lysosome
 - Nucleus
 - Ribosome
 - Plastid
- Which of the cell organelle helps in cell division?
 - Lysosome
 - Peroxisome
 - Centrosome
 - Endoplasmic reticulum
- Danieli and Davson model can be represented as
 - P- P -L -L
 - P- L -L -P
 - L- P -P -L
 - P- L -P -L
- What is the average thickness of unit membrane?

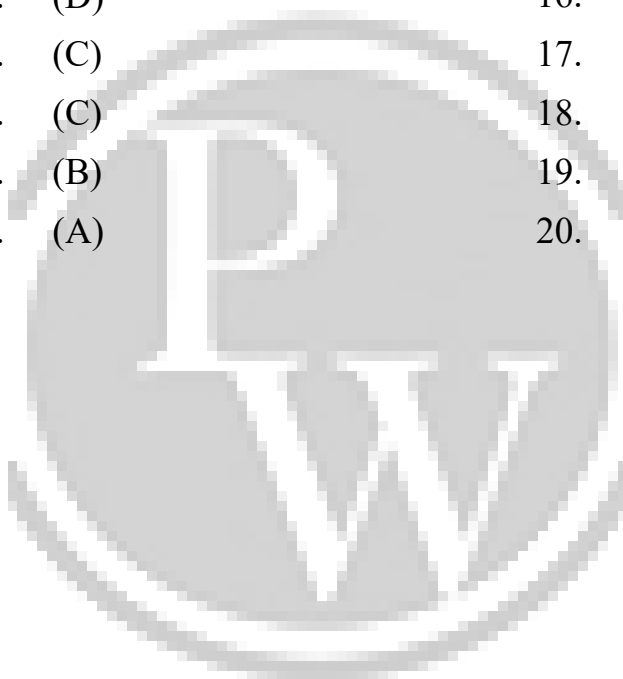
| | |
|---------|---------|
| A. 75 Å | B. 35 Å |
| C. 20 Å | D. 30 Å |
- Which of the following proteins can be extracted from Plasmamembrane easily?
 - Integral protein
 - Intrinsic protein
 - Tunnel proteins
 - Peripheral proteins
- Which protein of Plasmamembrane is more common?
 - Internal proteins
 - Integral proteins
 - Peripheral proteins
 - More than one is true

13. Which of the following component is similar in prokaryote and eukaryote?
- A. Ribosome
 - B. Plasmamembrane
 - C. Nucleus
 - D. Lysosome
14. Which study of Plasmamembrane revealed that it contains lipid and protein?
- A. Biochemical study
 - B. Genetical study
 - C. Anatomical study
 - D. None
15. Plasmamembrane is
- A. Semi-solid
 - B. Quasifluid
 - C. Non-living
 - D. Both B and C
16. Plasmamembrane is
- A. Selectively permeable
 - B. Permeable.
 - C. Impermeable.
 - D. Can be any of the above
17. Find out the odd one with respect to membrane bound organelles.
- A. Lysosome
 - B. Golgi body.
 - C. Ribosome
 - D. Mitochondria
18. Large central vacuole is present in
- A. Plant cell
 - B. Animal cell.
 - C. Prokaryotic cell
 - D. All eukaryotic cells
19. Who coined the term cell?
- A. Robert Hooke
 - B. Robert Brown
 - C. Flemming
 - D. Leeuwenhoek
20. Which of the following is found in both prokaryotic and eukaryotic cell?
- A. Plasmamembrane
 - B. Cytoplasm
 - C. Ribosome
 - D. All of the above



ANSWERS KEY

- | | |
|---------|---------|
| 1. (A) | 11. (D) |
| 2. (D) | 12. (D) |
| 3. (D) | 13. (B) |
| 4. (D) | 14. (A) |
| 5. (B) | 15. (B) |
| 6. (D) | 16. (A) |
| 7. (C) | 17. (C) |
| 8. (C) | 18. (A) |
| 9. (B) | 19. (A) |
| 10. (A) | 20. (D) |



Note - If you have any query/issue



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