

Yakeen NEET 2.0 2026

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Cell - The Unit of Life

DPP: 4

- Q1** Unthickened areas of secondary wall is called
 (A) Plasmodesmata (B) Pits
 (C) Gap junction (D) Symplast
- Q2** Quick exchange of cytoplasm between two adjacent plant cells is through
 (A) Middle lamella
 (B) Plasma membrane
 (C) Plasmodesmata
 (D) Cell wall
- Q3** Plasmodesmata are lined by
 (A) Middle lamella
 (B) Plasma membrane
 (C) Secondary wall
 (D) None of these
- Q4** Presence of is a unique character of plant cells
 (A) nucleus (B) centriole
 (C) cell Wall (D) peroxisome
- Q5** Which structure provide rigidity and support to cell?
 (A) Cell membrane
 (B) Cell wall
 (C) DNA
 (D) Mitochondria
- Q6** Which of the following have cell wall?
 (A) Plant
 (B) Fungi
 (C) Animal
 (D) Both (A) and (B)
- Q7** Cell wall in plants is made up of
 (A) Cellulose (B) Hemicellulose
 (C) Pectin (D) All of these
- Q8** Which of the following is absent in algal cell wall?
 (A) Galactans (B) Mannans
 (C) Cellulose (D) Chitin
- Q9** The cell wall and middle lamellae may be traversed by..... which connect the cytoplasm of neighbouring cell
 (A) Plasmodesmata
 (B) Secondary wall
 (C) Neighbouring cell
 (D) All of these
- Q10** Middle lamella is made up of
 (A) Calcium pectate
 (B) Lignin
 (C) Pectin
 (D) Chitin
- Q11** Which of the following is not role of cell wall?
 (A) Provide shape to cell
 (B) Cell to cell interaction
 (C) Have channels
 (D) Both (A) and (B)
- Q12** Cell wall present in
 (A) Plant cell (B) Fungi cell
 (C) Bacteria cell (D) All of these
- Q13** Which of the following component is similar in prokaryote and eukaryote?
 (A) Ribosome
 (B) Plasma membrane
 (C) Nucleus
 (D) Lysosome
- Q14** The fluid nature of the membrane is important from the point of view of functions like:
 (A) cell division and cell growth
 (B) endocytosis and secretion
 (C) formation of intercellular junctions



(D) All of these

Q15 Read the Assertion and Reason carefully to mark the correct option out of the options given below:

Assertion (A): In the membrane, lipid bilayer, lipid are arranged with polar head towards outer side and the hydrophobic tail towards the inner part.

Reason (R): This ensures that the nonpolar tail of saturated hydrocarbon is protected from aqueous environment.

(A) Both the Assertion (A) and the Reason (R) are true and the Reason (R) is a correct explanation of the Assertion (A).

(B) Both the Assertion (A) and Reason (R) are true but the Reason (R) is not a correct

explanation of the Assertion (A).

(C) Assertion (A) is true but the Reason (R) is false.

(D) Assertion (A) is false but Reason (R) is true.

Q16 Which of the following macromolecules are found in the plasma membrane?

(A) Lipids only

(B) Lipids and proteins

(C) Lipids, proteins and carbohydrates

(D) Proteins and carbohydrates

Q17 The membrane of the erythrocytes has approximately.....% of proteins and% lipids.

(A) 40, 52

(B) 52, 40

(C) 50, 50

(D) 60, 40



Answer Key

Q1 (B)
Q2 (C)
Q3 (B)
Q4 (C)
Q5 (B)
Q6 (D)
Q7 (D)
Q8 (D)
Q9 (A)

Q10 (A)
Q11 (C)
Q12 (D)
Q13 (B)
Q14 (D)
Q15 (A)
Q16 (C)
Q17 (B)



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