

# TARGET NEET - 2023

## Cell: The Unit of Life

11. Identify the incorrect inclusion body.  
[NCERT XI, Pg. No. 129]
- (1) phosphate granule
  - (2) protein granule
  - (3) cyanophycean granule
  - (4) glycogen granule
12. Which among the following is not a eukaryotic pair? [NCERT XI, Pg. No. 129]
- (1) Protists – fungi
  - (2) Monera – fungi
  - (3) Plants – animals
  - (4) Protists – plants
13. All eukaryotic cells are  
[NCERT XI, Pg. No. 129]
- (1) non-identical
  - (2) identical
  - (3) similar
  - (4) dissimilar
14. Which among the following does not show up in a plant cell? [NCERT XI, Pg. No. 129]
- (1) plastids
  - (2) cell wall
  - (3) centrioles
  - (4) ribosomes
15. “Protein icebergs in a sea of lipids”.  
[NCERT XI, Pg. No. 132]
- (1) lamellar model
  - (2) Robertson model
  - (3) Fluid mosaic model
  - (4) Quasi – fluid model
16. In human beings, the membrane of the erythrocyte has approximately \_\_\_\_\_ proteins and \_\_\_\_\_ lipids.  
[NCERT XI, Pg. No. 131]
- (1) 52%, 40%
  - (2) 40%, 52%
  - (3) 42%, 50%
  - (4) 50%, 42%
17. The quasi-fluid nature of lipid enables lateral movement of \_\_\_\_\_ within the overall bilayer. [NCERT XI, Pg. No. 132]
- (a) phospholipids
  - (b) proteins
  - (c) cholesterol
  - (d) sugar
- (1) (a) and (b)
  - (2) (b) only
  - (3) (c) and (d)
  - (4) (d) only
18. Transport of molecules/ions across the membrane against their concentration gradient that is energy dependent is called  
[NCERT XI, Pg. No. 132]
- (1) passive transport
  - (2) active transport
  - (3) osmosis
  - (4) diffusion
19. An example for active transport  
[NCERT XI, Pg. No. 132]
- (1)  $\text{Na}^+ / \text{K}^+$  pump
  - (2)  $\text{Ca}^+ / \text{K}^+$  pump
  - (3)  $\text{Mg}^{2+} / \text{K}^+$  pump
  - (4) none of these
20. Cell-wall composition in plants comprises of  
[NCERT XI, Pg. No. 132]
- (1) cellulose, hemicellulose, pectins, proteins
  - (2) hemicellulose, pectins, proteins, galactans
  - (3) pectins, proteins, hemicellulose, galactans
  - (4) cellulose, hemicellulose, pectins, galactans