DR. ADWET'S BIOLOGY TUITIONS

BIOLOGY NCERT XI | CELL - THE UNIT OF LIFE | LECTURE 10 MCQs

1. Water is a
   (a) Polar molecule
   (b) Covalently bonded molecule
   (c) Ionic molecule
   (d) Both (a) and (b)
2. Which of the following are Hydrophobic?
   (a) Polar Molecules
   (b) Non Polar Molecules
   (c) Ionic Molecules
   (d) All of the above
3. Uphill Transport is
   (a) Active
   (b) Passive
   (c) Along the concentration gradient
   (d) Both (a) and (c)
4. Which of the following have subunits with charge
   (a) Polar molecules
   (b) Non Polar Molecules
   (c) Ionic Molecules
   (d) Both (a) and (c)
5. Membrane of Erythrocyte has approximately ____% proteins
   (a) 40
   (b) 52
   (c) 8
   (d) 90
6. Phospholipids are
   (a) Polar
   (b) Non - Polar
   (c) Amphiphatic
   (d) Ionic
7. Peripheral Proteins lie
   (a) on the surface of the membrane
   (b) partially buried in the membrane
   (c) completely buried in the membrane
   (d) all of the above
8. Non Polar compounds are
   (a) Without charge
   (b) With charge
   (c) Neutral
   (d) Both (a) and (c)
9. Quasi – fluid nature of the lipids enables
   (a) zig zag movement of proteins
   (b) up down movement of proteins
   (c) Lateral movement of proteins
   (d) All of the above
10. Improved model of the structure of plasma membrane was proposed by
    (a) Watson and Crick
    (b) Singer and Nicolson
    (c) Schlieden and Schwann
    (d) Robert Brown
11. Positively charged Atom is called
    (a) Anion
    (b) Cation
    (c) Ion
    (d) Positive atom
12. Weak bonds between Polar molecules are called
    (a) Carbon bonds
    (b) Hydrogen bonds
    (c) Nitrogen bonds
    (d) Delta bonds
13. Transport along the gradient is
    (a) Passive
    (b) Downhill
    (c) Active
    (d) Both (a) and (b)
14. Plasma Membrane is a
    (a) Single layer
    (b) Bi layer
    (c) Triple Layer
    (d) Tetra layer
15. Covalently bonded compounds
    (a) always have subunits with charge
    (b) always have subunits without charge
    (c) may have subunits with charge
    (d) are always polar