

Questions

1. What is plasma membrane?
2. Why is the plasma membrane called a selectively permeable membrane?
3. What is the chemical composition of plasma membrane?
4. Define endocytosis.
5. Differentiate between diffusion and osmosis.
6. What do you mean by hypotonic solution and hypertonic solution ?
7. What will happen -:
 - a) An egg without shell is kept in water .
 - b) An egg without shell is kept in concentrated sugar solution.
 - c) Dried raisins are kept in water .
 - d) Dried raisins are kept in concentrated salt solution.
8. Discuss the importance of diffusion in context of a cell .
9. How do substances like CO₂ and water move in and out of the cell ? Discuss .