

CLASS – IX : BIOLOGY

Q.1. What is Micrographia?

Q.2. What is Nucleocytoplasmic or Kern Plasma ratio?

Q.3. Define the terms : -

- Middle Lamella
- Primary wall.
- Secondary wall.
- Tertiary wall.

Q.4. How many types of chemicals occur in biological membranes? Give their ratio.

Q.5. Explain in detail the following models of cell membrane : -

- Lipid models
- Robertson's models
- Fluid Mosaic models.

Q.6. Differentiate between active transport and facilitated transport.

Q.7. Write short notes on :

- Karyotheca
- Karyolymph
- Karyokinesis

Q.8. What is Sodium Potassium exchange pumps? Explain the mechanism.

Q.9. What is Euchromatin and Heterochromatin.

Q.10. Explain the terms :

- Chromatid
- Centromere or Primary Constriction.
- Nuclear Organiser Region.
- Telomere
- Allosomes
- Autosomes

Q.11. Write short notes on:

Sap vacuoles, Contractile vacuoles, food vacuoles?

Q.12. What is Dictyosome?

Q.13. What does 'S' refer to in 70S and 80S ribosomes?

Q.14. What is F₀-F₁ complex?

Q.15. What are Histone? What are their functions?