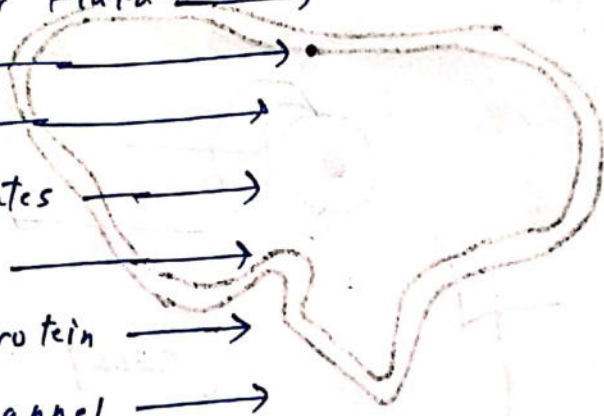


COMPONENT-FEATURE

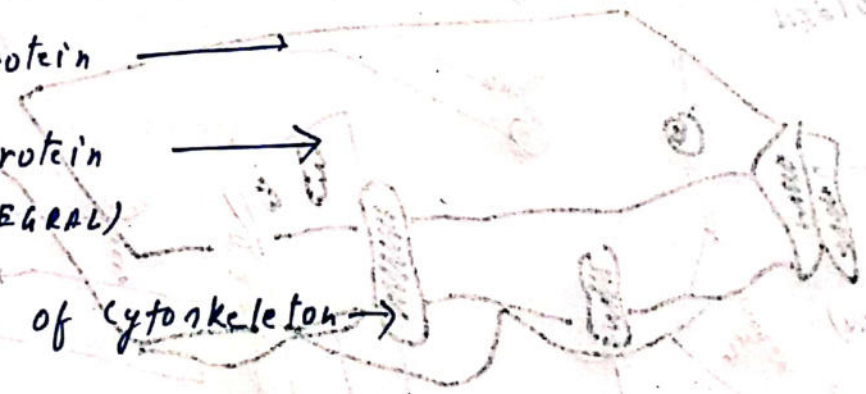
Important Component in Cell-Membrane

- 1. Extracellular Fluid →
- 2. Nucleus →
- 3. Cytoplasm →
- 4. Carbohydrates →
- 5. Glycoprotein →
- 6. Globular Protein →
- 7. Protein channel →  
(TRANSPORT PROTEIN)



- 8. Cholesterol →
- 9. Glycolipid →

- 10. Surface Protein →
- 11. Globular Protein →  
(INTEGRAL)
- 12. Filaments of cytoskeleton →

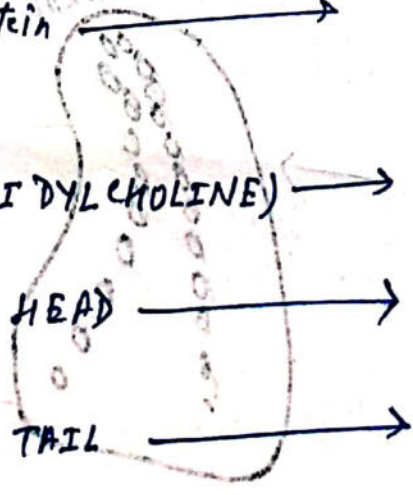


- 13. Alpha-helix Protein →  
(INTEGRAL PROTEIN)
- 14. Peripheral protein →

- 15. Phospholipid →  
(PHOSPHATIDYLCHOLINE)

- 16. HYDROPHILIC HEAD →

- 17. HYDROPHOBIC TAIL →



CELL BIOLOGY

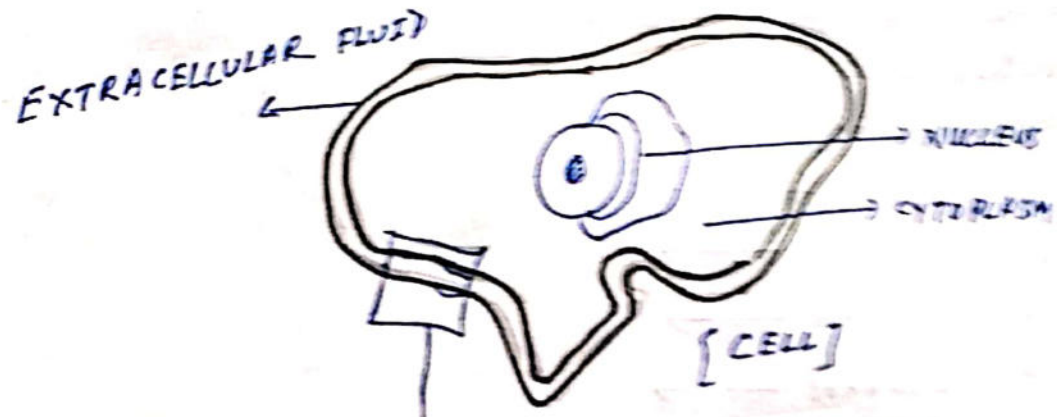
B.Sc. HONOURS (PART-III) PAPER-VI

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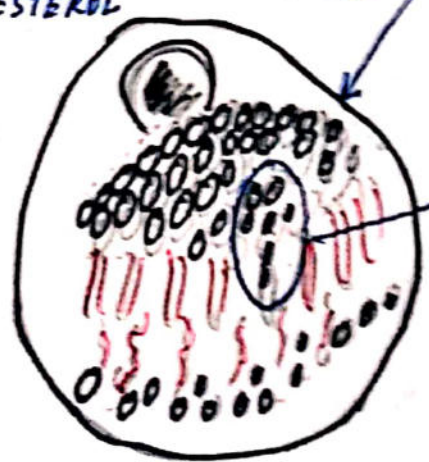
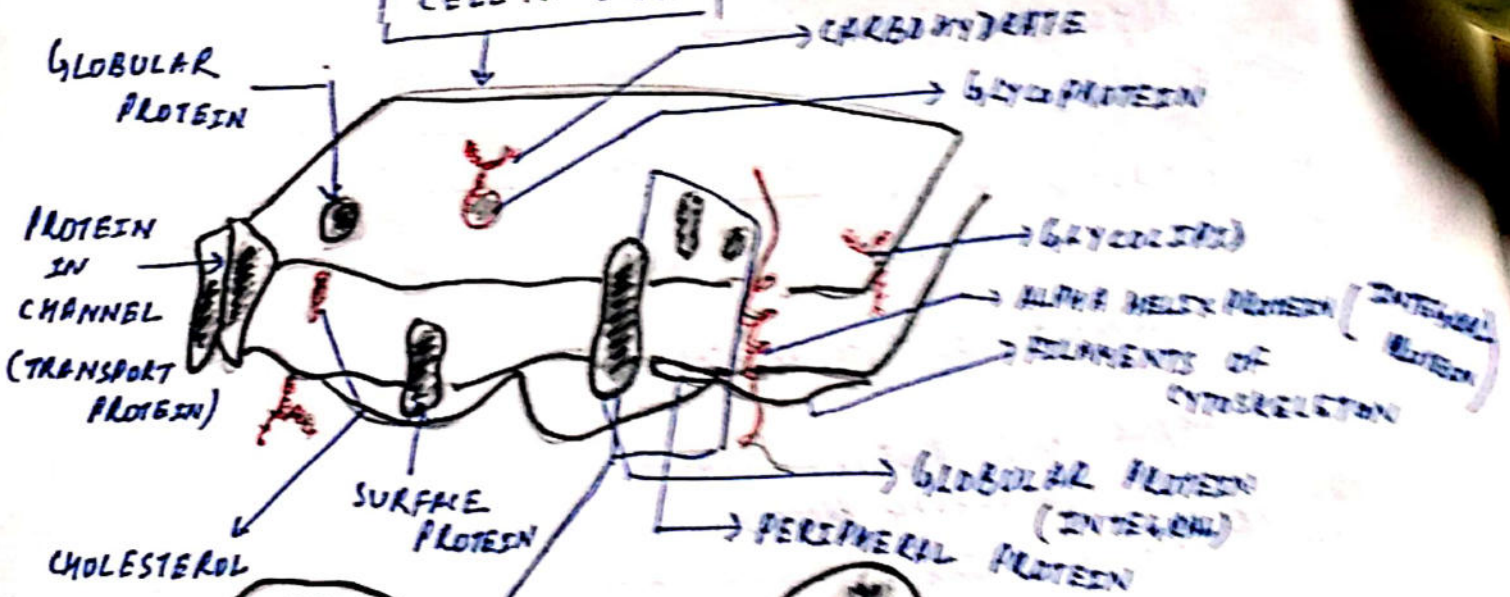
ULTRA-STRUCTURE = CELL-MEMBRANE

Teaching Point

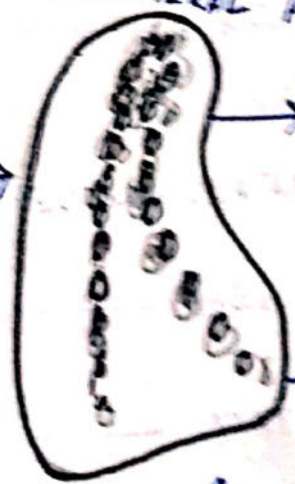
- (A) STRUCTURAL FEATURE
- (B) FUNCTIONAL FEATURE



CELL MEMBRANE



PHOSPHOLIPID BILAYER



PHOSPHOLIPID (PHOSPHATIDYL CHOLINE)



ILLUSTRATION  
vs  
EUKARYOTE  
PROKARYOTES

