

Time 30 min.

CT 1 (EP - 307 BIOPHYSICS)

M:M 10

Do any five questions. Each question carries equal marks.

Q1. Why do plant cells have an additional layer surrounding the cell membrane. What is this layer known as.

Q2. Cells consist of many organelles, yet we do not call any of these organelles as structural and functional units of living organisms. Explain

Q3. Discuss mechanism of action of Neuromuscular Junction giving suitable diagram.

Q4. Write GHK voltage equation. What is its use.

Q5. Differentiate between active transport and passive transport.

Q6. Write a short note on Mitochondria.
