

Open Book Test (EP 307 Biophysics)

Time: 1 Hr.

M.M. 20

NOTE:- ALL QUESTIONS ARE COMPULSORY. EACH QUESTION CARRY TWO MARKS. DRAW NEAT AND LABELED DIAGRAM WHEREEVER REQUIRED.

1. What is Modelling and Simulation. Write their few applications.
2. Write a short note on H. H. model
3. What is gap junction? What is its function?
4. Differentiate between Forward and Backward Euler method.
5. Write various principles of whole cell modelling.
6. Differentiate between Secondary and Tertiary protein structure
7. Draw a labeled diagram of Fluid Mosaic Model.
8. Draw a labeled diagram of Synapses Communication
9. Write few points on importance of Biophysicist
10. Draw a labeled diagram of EKG/ECG.
