

Dr. SSBUI CET PU Chandigarh

Sub Name: Biochemical Engineering

Marks: 25

Time: 1hr

1. Write down in brief:
 - a. Thermal death kinetics of cells and spores (5,5)
 - b. Passive and active transport in cell. (5)
 - c. Why need of enzyme immobilization? (4)
2. What do you mean by mutant, mutagen & mutations and which factors are responsible for mutations? (3,3)