

BT-306 (Bioseparation Engineering)

Quiz-I

Date: 14.02.2025

Total Marks: 10

Q1: Explain precipitation with salt and precipitation with nonsolvent.

Marks: 4

Q2: For large scale precipitation, under diffusion limited growth, express the growth of particles in terms of average molecular weight (\bar{M}). Show the expression with derivation of each step clearly.

Marks = 3

Q3. Derive the expression of drying time (t_c), for constant rate period, in case of adiabatic drying.

Marks = 3
