



Class: BS(SE)-VIII
Subject: Stochastic Processes
Instructor: Dr. Atiq ur Rehman

Due Date: 19-02-2026 (1400PST)
Course Code: CSC456
Marks: 20

Question # 1

(i) Define stochastic process.

(ii) Define Markov chain?

(iii) Write the transition probabilities from the following transition probability diagram and finally write the transition probability matrix.


