

East West University

Department of Computer Science and Engineering

Course Title: Operating Systems, Course code: CSE325, Sec 2

Spring 2022, Quiz 2, Total Mark: 10, Time: 30 Minutes, Set B

Instructor: Dr. Md. Nawab Yousuf Ali

Date: March 24, 2022

Answer all the following questions.

Total Marks: 10

Name: _____

Id: _____

Sec: _____

Roll: _____

Question 1.

Consider the following set of processes with the length of CPU burst time given in milliseconds

Process	CPU burst time	Arrival Time	Priority
P0	9	3	4
P1	6	2	1
P2	7	5	3
P3	7	1	5
P4	12	0	3

Draw the graph (Gantt chart) and compute average waiting time and average turnaround time for the following processes using Shortest Job First (SJF) & **Priority Scheduling (Preemptive)** algorithms.