

# East West University

Department of Computer Science and Engineering

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

Spring 2022, Quiz 1, Total Mark: 10, Time: 25 Minutes, Set A

Instructor: Dr. Md. Nawab Yousuf Ali

Answer all the following questions.

Name: \_\_\_\_\_ Id: \_\_\_\_\_ Sec: \_\_\_\_\_ Roll: \_\_\_\_\_

- |     |   | Marks |
|-----|---|-------|
| Q1. | Non maskable interrupt does check the status of the IE flag before interrupt. True/False  | 1     |
| Q2. | Why do we need PCB?   | 1     |
| Q3. | Before I/O operations the processes wait in<br>a) Job queue   b) Ready queue   c) Device queue   d) None of them  | 1     |
| Q4. | Dynamically created variables are resided in<br>a) Code segment   b) Data segment   c) Heap segment   d) None of them                                       | 1     |
| Q5. | A process is in _____ when it is waiting to be assigned to a processor for execution.   | 1     |
| Q6. | There are three processes namely P1, P2, and P3. Input, output, and the CPU burst time of the processes (in milliseconds) are given in the following table. | 5     |

	P1	P2	P3
Input	7	11	4
CPU burst time	11	12	15
Output	7	8	5

- Illustrate the graphical representation of the processes' execution in Time Shared processing (8 ms quantum is given for each operation)
- Calculate the total execution time of the processes