

National University of Computer & Emerging Sciences, Karachi Spring -2020 CS-Department Activity 03



Course Code: CS220	Course Name:	Operating System
Instructor Name: Anaum Hamid		Deadline: 16/04/2021

Answer the following Questions. Answer must be precise and to the point. Only 3 differences needed.

- 1. Describe Single threaded and Multi-threaded process?
- 2. Describe the criteria for avoiding Race Condition w.r.t critical region?
- 3. Differentiate between Concurrency and Parallelism?
- 4. Explain the types of Memory barrier used for process synchronization?
- 5. Describe Peterson's solution to avoid race condition?