

**PGDCA 2<sup>ND</sup> Semester  
OPERATING SYSTEM (PCAP1-208)**

**ASSIGNMENT NO: 1**

**Short answer type questions**

- (a) Define Operating system.
- (b) What are the differences between multiprogramming and multiprocessing?
- (c) What is time sharing operating system?
- (d) Define process.
- (e) What is deadlock?

**Long answer type questions**

- Q1:** Explain different types of operating systems in detail.
- Q2:** Explain different types of CPU scheduling algorithms.