

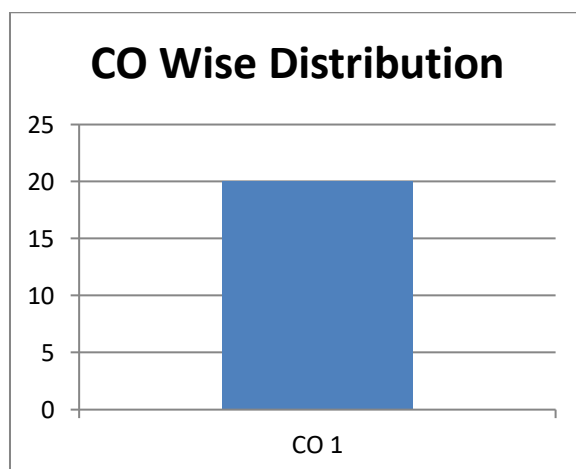
United College of Engineering & Research
Department of Computer Science & Engineering
First Unit Test Paper, 2020-2021
B.Tech CSE (IV Semester)
Operating Systems (KCS-401)

Time: 40:00 Minutes

Max Marks: 4*5=20

Note: Attempt any **four** questions and each question carries equal marks.

| Ques. No. | Questions | CO |
|------------------|--|-----------|
| 1. | What are the functions of OS? Write down four in short. | 1 |
| 2. | What do you understand by system call? List four system calls used for process management. | 1 |
| 3. | Explain briefly Layered Operating system structure with neat sketch. Also explain protection and security. | 1 |
| 4. | What is multiprocessing operating system? Differentiate between SMP (Symmetric multiprocessing) & AMP (Asymmetric multiprocessing). | 1 |
| 5. | Write the difference between monolithic kernel, and microkernel structures of operating systems with their advantages and disadvantages. | 1 |



CO - Course Outcome