Model questions
Semester-II

Subject: Information technology/ Operating system   **Paper: CC4**

Group 'A'

1. Discuss various types of interfaces provided by the operating system.
2. Write about the different types of schedulers?
3. What are the five major activities of an operating system with regard to file management?
4. Explain Contiguous File Allocation.
5. What is process? Discuss different process states.
6. What is the difference between parallel system and distributed system?
7. What are the various methods of Page Replacement?
8. Discuss various types of interfaces provided by the operating system.
9. Explain the life cycle of a process.
10. What is the Computer System Operation?

Group 'B'

11. Explain operating system? Also explain its functions.
12. State and explain the different types of CPU scheduling algorithms with example.
13. Briefly explain the major activities of an operating system in regard to process management?
14. Name the different file allocation methods. Explain the linked allocation of file implementation with merits and demerits.
15. Explain the difference between internal and external fragmentations.
16. What is an Operating System? Explain different types of operating system.
17. Explain the Computer System Structure.
18. What are system calls? Explain the different categories of the system calls.
19. Explain scheduling criteria.
20. Explain Memory Management.