M.Sc. DEGREE EXAMINATION,NOVEMBER 2019
II Year III Semester
Distributed Operating System

Time : 3 Hours **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. What is distributed operating system?
2. Write about ATM Technology.
3. Define deadlock with Example.
4. What is mutual exclusion?
5. Define Thread.
6. What is load sharing?
7. Define distributed file system.
8. What is fault tolerance?
9. Define cryptography?
10. What is digital signature?
11. Define authentication.
12. What is process migration?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Write short notes on LAN Topologies.
14. Describe about replacement strategy.
15. Explain global scheduling algorithm.
16. Write short notes on caching schemes.
17. Describe about various attacks to computer system.
18. Explain synchronization.
19. Write short notes on deadlock avoidance.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Explain in detail about ISO/OSI Reference Model.
21. Describe distributed shared memory in detail.
22. Explain in detail about process management.
23. Write about distributed file system in detail.
24. Explain in detail about cryptography with example.

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