B.Sc. DEGREE EXAMINATION,NOVEMBER 2019
III Year V Semester
Operating Systems

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

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

Answer any **TEN** questions

1. What is meant by multi-threading?
2. Mention any two services of operating system
3. Define deadlock
4. Mention any two methods for handling deadlock
5. Define Swapping
6. What is meant by Address Binding?
7. What are the causes of thrashing?
8. Define virtual memory
9. List out the attributes of file
10. Define Authentication
11. What is meant by file?
12. Define Process

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

Answer any **FIVE** questions

13. Explain any two Process Scheduling Algorithms.
14. Discuss about Deadlock prevention.
15. Write short notes on Fragmentation.
16. Explain Demand paging.
17. Write short notes on Program threats.
18. Describe about different types of operating system.
19. Write short notes on User authentication.

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

Answer any **THREE** questions

20. Discuss in detail about Inter process Communication.
21. Ellaborate Classical problems of synchronization.
22. Discuss about Segmentation.
23. Explain any two Page replacement Algorithms.
24. Describe about File Allocation methods.

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