Faculty of Science

B.Sc (Computer Science) III-Year, CBCS-V Semester Backlog Examinations, January 2021

ELECTIVE PAPER-I: OPERATING SYSTEMS

Time: 2 hours

Max Marks: 60

I. Answer any **Three** of the following questions

(3x20=60Marks)

1. What is system call? Explain the concept and methods of Inter-process communication?

2. With an example briefly explain the concept of Semaphores and Monitors.

3. Give a short note on CPU scheduling algorithms with example.

4. What is meant by Deadlock? Explain the methods for handling Deadlocks.

5. Briefly explain the page replacement algorithms.

6. What is RAID? Briefly explain the disk scheduling algorithms?

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