THREE YEAR B.Sc. (CBCS) DEGREE EXAMINATION, JUNE/JULY 2023

FOURTH SEMESTER

Computer Science and Information Technology

Paper II – OPERATING SYSTEM

(w.e.f 2016 - 17 admitted batch)

Time : Three hours   Maximum : 75 marks

(No additional sheet will be supplied)

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE of the following questions

1. What are the features of operating system?

2. What is Thread?

3. Define process management?

4. What is memory management?

5. What is Batch systems?

6. Define Kernel.

7. What is paging?

8. What is shared memory?

SECTION B — (5 × 10 = 50 marks)

Answer FIVE questions

9. (a) Explain about the History of operating system.

Or

(b) Explain the functions of operating system.

10. (a) Write short notes on system programs.

Or

(b) Briefly explain about process Abstraction.

11. (a) What is Dead Lock? Explain Dead Lock prevention.

Or

(b) Describe the methods for Inter process communication.

12. (a) Explain Hardware support in paging.

(4) unit

Or

(b) Discuss about segmentation. — fragmentation

13. (a) Explain about file operations.

Or

(b) Explain about Directory structure.

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