

2 RS 46075

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 — ($5 \times 5 = 25$ 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 — ($5 \times 10 = 50$ marks)

Answer FIVE questions

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

Or

- (b) Explain the functions of operating system.

process management

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

Or

- (b) Briefly explain about process Abstraction.

system calls

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

Eliminating

Or

- (b) Describe the methods for Inter process communication.

Ex: consider Resource allocation graph

12. (a) Explain Hardware support in paging.

④ Unit

(b) Discuss about segmentation.

Or

Fragmentation

13. (a) Explain about file operations.

Or

~~(b)~~ Explain about Directory structure.