

MAY 2015

**P/ID 17467/RCT/
PCAO**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Give an example of a distributed system.

Or

(b) Write a note on system calls.

2. (a) What is a dispatcher? List its functions.

Or

(b) What is multiple processor scheduling?

3. (a) List the necessary conditions for deadlock.

Or

(b) Explain SSTF scheduling.

4. (a) List file attributes.

Or

(b) List file system function.

5. (a) Write a note on Unix's shell.

Or

(b) How are batch files used in MS-DOS?

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. What is DMA? Explain.
7. Explain process scheduling.
8. Discuss 'critical section problem'.
9. Write on 'Deadlock prevention'.
10. What is segmentation? Explain.
11. Discuss on 'File directories'.
12. Explain the file system of Unix.
13. Discuss the systems view of MS-DOS.

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