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Name .....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, FEBRUARY 2009

Computer Science

CS 301—OPERATING SYSTEM

(2005 Admission onwards)

Time : Three Hours Maximum : 80 Marks

Section A

Answer any **five** *questions.*
Each question carries 8 *marks.*

1. Explain the evolution of operating systems.
2. Discuss process Control block.
3. Describe the Linux tasks.
4. Discuss the inter process communication of UNIX.
5. Explain Lazy Buddy system Algorithm.
6. Compare the scheduling performance for one and two processors.
7. What are the modes of I/O operation in Windows ? Explain.

(5 x 8 = 40 marks)

Section B

Answer any **four** *questions.*

8. Explain modern UNIX system in detail.
9. Discuss the benefits of a micro-kernel organization.
10. Describe windows synchronization objects.
11. Explain Linux virtual memory scheme.
12. Describe the UNIX SUR 4 Scheduling.
13. Explain Windows File System.

(4 x 10 = 40 marks)