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Register Number:

Name of the Candidate:

M.C.A. DEGREE EXAMINATION, May 2015

(SECOND SEMESTER)

231. DISTRIBUTED OPERATING SYSTEM

Time: Three hours

Maximum: 100 marks

SECTION -A

(8 × 5 = 40)

Answer any EIGHT questions

1. List features of a Good message passing system.
2. Compare any two distributed operating systems listing its prons & cons.
3. Define thread.
4. What is event ordering?
5. List out the need of cryptography in distributed operating system.
6. What is process addressing?
7. Draw the structure of regular file.
8. How will you create a special file?
9. Define sockets.
10. List out the disadvantages of a multiprocessor system.

SECTION -B

(3 × 20 = 60)

Answer any THREE questions

11. Explain distributed operating system design issues.
12. Explain process management with suitable examples.
13. What are the potential threats to a computer system? How can it be solved?
14. Explain file system in detail in distributed systems.
15. Describe the various inter-process communication and co-ordination mechanisms.
