

Roll No.

Total Pages : 2

Exam. Code
6028

8903

BT-8/M-11

DISTRIBUTED OPERATING SYSTEM

Paper : CSE-440

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt *five* questions, selecting at least *one* question from each unit.

UNIT-I

- (a) What do you mean by Distributed operating system ?
Write motivation factor of distributed operating system. 10

(b) What are the problems raised with Distributed operating system ? 5
- What are the communication mechanism of CSP and its working ? 15

UNIT-II

- Explain Ricart algorithm in detail and analyze its performance. 15
- Write Broadcast algorithm and Heuristic algorithm.
Compare it. 15

UNIT-III

5. What do you mean by Dead lock ? Write dead lock detection and resolution technique in detail. 15
6. What are different types of Detection algorithm ? Explain centralized detection algorithm. 15

UNIT-IV

7. What are architecture mechanism of building and design of Distributed file system ? Also explain Log structured file system. 15
8. (a) What do you mean by Task migration and issues in task migration ? 10
(b) What are component of Load algorithm ? 5