

26/10/24

2:30 to 5:30 pm

(3 Hours)

(Total Marks: 80)

N.B:

1. Question one is compulsory
2. Solve any three from the remaining Q2 to Q6
3. Answers to sub Questions should be answered together

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| 1 | Attempt any four | 20 |
| | a Write Components of IAM. | |
| | b Write short note on RMI registry. | |
| | c Write short note Processor pool model and Workstation server model | |
| | d Write short note on cloud services | |
| | e Write a short note on the Features of scheduling algorithms | |
| | | |
| 2 | a Distinguish between token based and non-token based algorithms in distributed system? | 10 |
| | b Explain different modes of IPC? | 10 |
| | | |
| 3 | a Explain RPC architecture with diagram? | 10 |
| | b Explain the concept of Group communication? | 10 |
| | | |
| 4 | a Write a short note on Features of scheduling algorithms and Explain any one scheduling algorithms in detail? | 10 |
| | b Write in details about Discussion of the Election Algorithms? | 10 |
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| 5 | a What are the Components of DFS? Explain the concept of File Models in Distributed System? | 10 |
| | b What is Process Management? Explain the Importance of Process Management? | 10 |
| | | |
| 6 | a Discuss about cloud computing issues and challenges in detail? | 10 |
| | b What is Azure? Explain Azure Services in detail? | 10 |
