

BHARATIYA VIDYA BHAVAN'S

SARDAR PATEL INSTITUTE OF TECHNOLOGY

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058, India (Autonomous College Affiliated to University of Mumbai)

End Semester Examination

Max. Marks: 60 Class: TYMCA

Course Code: MCA51

Subject: Distributed Computing and Cloud Computing

Instructions: (1) All questions are compulsory.

(1) All questions are compulsory.(2) Use of scientific calculator is allowed.

(3) Assume any necessary data but justify the same.

Duration: 3 hr Semester: V Date: 13/11/18

Time: 10.00 to 1.00 pm

Q.1 A How would you demonstrate the implementation of Client server communication using remote procedure call? How would you use Remote procedure call to establish Client server binding? Q.2 A What approach would you use to implement use of shared resources in distributed systems? What examples can you find to present different DSM consistency models B Q.3 A How would you categorize different Address space mechanism for Process migration? OR What are some of the issues in designing load balancing algorithm? What are the key decisions to be made in File caching schemes for Cache Location for distributed systems? Q.4A How would you differentiate between Cloud and grid computing? OR Elaborate on cloud computing characteristics 6 Can you distinguish between Deployment model OR Can you distinguish between Delivery model	Q. No.	Questions	Max. Marks	СО
B binding? Q.2 A What approach would you use to implement use of shared resources in distributed systems? What examples can you find to present different DSM consistency models B Can you distinguish between Deployment model OR Can you distinguish between Deployment model	Q.1 A		6	2
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OR		Elaborate on cloud computing characteristics	6	5
OR	В	Can you distinguish between Deployment model	6	6
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How would you compare workstation server and Processor pool Model	6	1
What can you say about the issues in Distributed system?	6	1
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