

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY(MCA), BHOPAL

Assignment

MCA

Third Semester

E-III MCA 305(3) Distributed System

<p>Q.1 Illustrate five types of Hardware and Software resources that can be shared. Give Example of their sharing as it occurs in distributed system.</p> <p>Q.2 Discuss the concept of Client Server Model.</p> <p>Q.3 Explain RPC. Discuss the importance of remote procedure call.</p>	CO1
<p>Q.4 (a) Explain mutual exclusion in Distributed System. (b) Discuss and compare various algorithm related to distributed mutual exclusion</p> <p>Q.5 Illustrate Bully and Ring algorithm with suitable examples.</p>	CO2
<p>Q.6 Differentiate data centric consistency model and client centric consistency model.</p> <p>Q.7 (a) Illustrate the following terms: public key, private key, session key and symmetric key. (b) Explain with the help of a block diagram how authentication takes place in KERBEROS.</p>	CO3

- Note:
1. Give suitable examples and diagrams wherever necessary
 2. Each answer should be of minimum 200 words
 3. Submit the assignment file on or before **29-09-2023** to the undersigned
 4. Not necessary to use college sessional pages, any ruler pages can be used
 5. Assignment file can be submitted through friend also, if out of station
 6. Make neat and clean assignment file clearly mentioning your name, Enrollment number at the front page.

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