Printed Pages – 2   **MCA – E12**

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 1451   Roll No.

MCA

(SEM IV) EVEN SEMESTER THEORY EXAMINATION,
2009-2010

CLIENT SERVER COMPUTING

Time : 3 Hours   *Total Marks : 100*

Note : *(i) Attempt **ALL** the questions.*

*(ii) All questions carry **equal** marks.*

1. Attempt *any two* parts of the following :

   (a) Discuss the advantages of Client/Server computing.

   (b) Compare and contrast the system administration of object oriented and relational database management systems.

   (c) Explain the role of client machines and server machines with the server functionality and services.

2. Attempt *any two* parts of the following :

   (a) Give the architecture of a Client/Server Computing System and explain it.

   (b) What is mainframe centric Client/Server computing ? Discuss its use in Client/Server architecture.

   (c) What is RPC ? Explain the work procedure of RPC with an example.

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3. Attempt *any two* parts of the following :

   (a) Discuss the fault tolerance in Client/Server computing.

   (b) Discuss the advantages of OSI reference model over TCP/IP.

   (c) Discuss the Network Interface Cards (NICs).

4. Attempt *any two* parts of the following :

   (a) What is WAN ? Describe in brief the various WAN technologies in Client/Server computing.

   (b) What are the different types of servers ? Discuss each of them in brief.

   (c) Discuss the training advantages of GUI applications with reference to the training of system administrator and DBA.

5. Write notes on *any two* of the following :

   (a) RAID disk.

   (b) (POS) Point Of Service.

   (c) Expert Systems and End User System.

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