

Master of Computer Application (MCA)-I (CBCS Pattern) Second Semester CBCS
PSMCAT204.2 - Paper-IV : Elective-II : Client And Server Technologies

P. Pages : 2

Time : Three Hours



GUG/W/18/11100

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labeled diagram and use supporting data wherever necessary.
 3. Avoid vague answers and write specific answers related to questions.

- 1.** Either
- a) What do you mean by centric client and server computing? Explain the concept of down sizing in client server computing. **8**
 - b) What is mainframe application? Explain how to preserve mainframe application. **8**

OR

- c) Explain different client and server development tools in detail. **8**
 - d) Explain different Advantages of client / server computing. **8**
- 2.** Either
- a) Explain following client services in detail. **8**
 - 1) RPC
 - 2) Window services
 - 3) FAX
 - 4) Remote boot services.
 - b) Explain common request broker architecture in detail. **8**

OR

- c) Explain the Networking operating system. Also explain the Novell Network in detail. **8**
 - d) Explain Following in detail: **8**
 - 1) IBN LAN Server.
 - 2) Banyan VINES – PC network file services.
- 3.** Either
- a) Explain Network and OS/2 types of server operating system in detail. **8**
 - b) What is system Application Architecture (SAA) in detail. **8**

OR

- c) What do you mean by Open System Interconnect (OSI). Explain it's different layers in detail. **8**
- d) Explain following in detail. **8**
 - 1) Communication Interface technology.
 - 2) Wide area network technology.

4. Either
- a) What do you mean by platform migration? Explain the term reengineering of existing systems in detail. 8
 - b) Explain the following terms related with client Framework: 8
 - 1) OLE
 - 2) DCOM

OR

- c) Explain following Application Development tools. 8
 - 1) Work bench Architecture.
 - 2) Information engineering facility Architecture.
 - d) Explain the terms SDL Windows and power builder in detail. 8
5. Attempt all the questions.
- a) Write short note on Investment through porting. 4
 - b) Write short note on server functionality. 4
 - c) Write in brief about windows NT and Unix operating system. 4
 - d) Write short note on EASEL Workbench. 4
