

B.C.A. III Semester Examination, March 2011
CLIENT SERVER ARCHITECTURE

Time : 3 Hours

Max. Marks : 80

Instructions : Answer *all* questions in Part – A, **6** questions in Part – B and **3** out of **5** questions in Part C.

Part – A : Questions from **1** to **8** carries **one** marks and **9** to **14** carries **2** marks **each**.

Part – B : **Each** question carries **5** marks.

Part – C : **Each** question carries **10** marks.

PART – A

1. Mention different characteristics of Client and Server.
2. Expand RPC.
3. What are File Servers ?
4. Define ORB.
5. Mention the three components of 2-tier Client/Server Architecture.
6. Mention the three categories of middleware building block.
7. What are Non-GUI Clients ?
8. Define SAN.
9. Mention any two demerits of Client/Server Computing over P2P.
10. Define SNMP.
11. What is Macintosh ?
12. What are CASE tools ?
13. What are COM servers ?
14. What is NetBEUI ?

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PART – B

1. With a neat diagram explain Client/Server Architecture.
2. Write a note on Stored Procedure.
3. Explain the role of the client and its services.
4. Discuss about any 3 TCP/IP protocols.
5. Explain any two data storage devices.
6. Explain the objectives of effective project management.
7. Write a note on SDE.
8. Write a note on CORBA 3.0.

PART – C

1. Explain different types of Servers.
 2. Write a note on :
 - i) DDE
 - ii) OLE
 - iii) OOUI
 3. With the help of suitable diagram explain OSI Model.
 4. Discuss different types of Computing Devices.
 5. Explain CORBA Object Services.
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