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

Time : 3 Hours   Max. Marks : 80

Instruction : *Answer* **all** *questions from Part –* **A**, *and answer* **any five** *questions from Part –* **B**.

PART – A

I. Answer **all** the questions.   **(10×1=10)**

   1) Discuss about client/server development tools.

   2) Define client server.

   3) What is ORB ?

   4) Compare GUI clients and Non-GUI clients.

   5) Define TCP/IP.

   6) Define UPS.

   7) What are the basic services provided by NOS ?

   8) What is COM ?

   9) Write short note on RAID-Disk Array.

   10) Define OMG.

II. Answer **any 4** questions.   **(4×5=20)**

   11) What are the types of server ? Explain.

   12) Discuss about role of the client and services.

   13) Explain about communication networks.

   14) Explain the types of networks.

   15) Explain about client server development methodology.

   16) Write short note on NIC.

PART – B

I. Answer **all** the questions choosing either sub division **(A)** or sub division **(B)** of **each** question. **(5×10=50)**

17) A) Briefly discuss about the client/server architecture.

   OR

   B) Explain in detail about RPC.

18) A) Explain about DDE.

   OR

   B) Describe about the services database of client.

19) A) Explain the different types of computing devices.

   OR

   B) Explain in detail the OSI model.

20) A) Explain the following :
   1) CORBA   2) OMG

   OR

   B) Describe about data storage.

21) A) Write short note on DCOM.

   OR

   B) Explain the network architecture in detail.

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