



BCA 12

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

Time : 3 Hours

Max. Marks : 80

Instruction : Answer all questions in Part – A and either (a) or (b) of each question in Part – B.

PART – A

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

- 1) What is client/server computing ?
- 2) Define UPS.
- 3) What is server process?
- 4) Define DDE.
- 5) What is ORB ?
- 6) Define OLE.
- 7) Define GUI clients.
- 8) What are redirections ?
- 9) What is COM ?
- 10) What are the basic services provided by NOS ?

II. Answer all the questions : (4×5=20)

- 11) What are the characteristics of client/server ?
- 12) List down the merits and demerits of client/server.
- 13) What are the roles of client ?
- 14) Explain the structure of networks.
- 15) Explain about client server development methodology.

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PART – B

Answer all the questions :

(5×10=50)

16. a) Briefly discuss about the client/server architecture.

OR

b) Explain in detail about RPC.

17. a) Explain about client tools.

OR

b) Explain in detail the OSI model.

18. a) Explain the types of server.

OR

b) Describe about the database services of server.

19. a) Explain the following :

1) CORBA

2) OMG.

OR

b) Describe about data storage.

20. a) Explain the following :

1) RAID - Data Array

2) WORM

3) CD-ROM.

OR

b) Explain the network architecture in detail.