

**B. Tech Degree VII Semester Examination, November 2008****IT 704 CLIENT SERVER COMPUTING***(1999 Scheme)*

Time : 3 Hours

Maximum Marks : 100

- I. Discuss the overview of client server computing, mentioning its definitions, benefits and evolution and hardware and software trends. (20)
- OR**
- II. (a) Give a detailed overview of client server applications. (10)  
(b) Define open systems. Discuss some existing open system standards. (10)
- III. (a) What is GUI? Briefly explain the GUI design standard for clients. (10)  
(b) Describe the procedure to convert 3270/5250 screen to a windowing environment. (10)
- OR**
- IV. Which are the database access tools used in client/server environment and how database access is performed? (20)
- V. (a) Explain the features that a server machine should support. (10)  
(b) Discuss on server operating systems. (10)
- OR**
- VI. Write short notes on *any five* :  
(i) Platform independence  
(ii) Transaction processing  
(iii) Intelligent data base  
(iv) Stored procedures  
(v) Triggers  
(vi) Optimizer  
(vii) Recovery mechanisms  
(viii) Testing and diagnostic tools. (5 x 4 = 20)
- VII. (a) Briefly explain the chief features of Network Management Standards. (10)  
(b) What is a network OS? Discuss in detail about one of such operating system that you are familiar. (10)
- OR**
- VIII. (a) Discuss about the LAN hardware and software. (10)  
(b) Explain the Standard Networking Architectures used. (10)
- IX. Write short notes on *any four*:  
(i) Mobile computing  
(ii) Intelligent wiring hubs  
(iii) Wireless LANs  
(iv) ATM switching  
(v) CASE Tools  
(vi) Multimedia  
(vii) Work group computing  
(viii) Server network management standards (4 x 5 = 20)

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