

- 2** Attempt any **four** parts : **5×4=20**
- (a) What is meant by object linking and embedding (OLE)? Explain.
 - (b) Discuss the role of server in detail.
 - (c) Compare object oriented and relational database management system features.
 - (d) Discuss the distributed computing environment (DCE) architecture in detail.
 - (e) Discuss the OSI reference model in detail.
 - (f) Explain Asynchronous Transfer Mode (ATM).
- 3** Attempt any **two** parts : **10×2=20**
- (a) Discuss the client/server systems development methodology in detail.
 - (b) Write short notes on the following :
 - (i) X-terminals
 - (ii) UNIX work station.
 - (c) What is meant by WAN? Discuss the various WAN technologies in detail.
- 4** Attempt any **two** parts : **10×2=20**
- (a) Discuss the various LAN and Management issues in detail.
 - (b) Describe the following :
 - (i) RAID-DISK
 - (ii) Optical disk
 - (iii) NICs.
 - (c) Write short notes on the following:
 - (i) Software Distribution in C/S Environment
 - (ii) MTTR and MTBF.

- 5** Attempt any **two** parts : **10×2=20**
- (a) Discuss the various training advantages of QUI applications in detail.
 - (b) Write short notes on the following :
 - (i) Expert systems
 - (ii) POS.
 - (c) Describe the following :
 - (i) Text-management process.
 - (ii) Emergency Public safety.
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