

Client Server Technology

Unit 1

Introduction to CST

1. Give classification of Client server system. Also explain client/server advantage and disadvantage.(2017)
2. Name any two client server development tools. (2017)
3. Draw block diagram of CST. (2016)
4. What is the full form of IPC and RDBMS? (2016)
5. How CST is used in GUI design? (2016)
6. What is CST? Explain characteristics, advantages, functions of CST. (2016)
7. Explain the characteristics of CST. (2016,2013,2012)
8. Explain the component of client server application in details. (2016,2013)
9. What is the need of CST? (2015,2016)
10. What are the applications available in CST? (2015)
11. Briefly explain hardware and software needs for the client server technology. (2015)
12. Discuss advantage and disadvantages of CST. (2015,2014)
13. Write short note :
 - a. Client server type
 - b. Use of API's in CST
 - c. Advantages of RDBMS
 - d. GUI interface (2015)
14. What are the characteristics of CST? Also explain its environment in details. (2015)
15. Explain the concept of CST. (2014)
16. Explain the term WAN. (2014)
17. What is backend application? (2014)
18. Discuss the component of CST. (2014)
19. Draw block diagram of CST model, Explain the functioning of each component. (2014)
20. What is client computing? (2013)
21. Discuss three services provided by CST. (2013)
22. Explain the various functions of client server approach. (2013)

Unit 2

Role of Client

1. Explain the different client server architecture. (2016)
2. Explain CORBA with its application area. (2014,2012)
3. What is DLL? (2017)
4. What is rich client? (2017)
5. Define DCOM. (2017)
6. What do you understand by middleware technology? (2016,2014)
7. Explain role of client. (2016,2013)
8. Write short note on:
 - a. OLE
 - b. API (2016)
9. Explain CORBA with its application area. (2016,2014,2012)
10. What is DDE? (2015)
11. What do you understand by application partitioning? (2015)
12. Define OLE. (2015)
13. What are the general middleware in CST environment? (2015)
14. Write difference between DDE and OLE. (2014)
15. Explain various types of client. What is the role of client in CST? (2014)

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| 16. Write short note on DDE. | (2013) |
| 17. What is OLE? | (2013) |
| 18. What are three goals of CORBA? | (2013,2012) |
| 19. Explain DDE. | (2013) |
| 20. What do you mean by client server approach? Also explain the concept of CORBA. | (2013) |

Unit 3

Role of Server

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| 1. Discuss the function of server. | (2017,2014) |
| 2. What is NFS? | (2017) |
| 3. Explain IBM SAA. | (2017) |
| 4. What is file server? | (2016) |
| 5. Explain the role of server Operating System and system application architecture. | (2016) |
| 6. Explain OSI model with diagram. | (2016) |
| 7. What is web server? | (2015) |
| 8. Write difference between two tier and three tier architecture. | (2015) |
| 9. What is the purpose of Server operating System? | (2015) |
| 10. What is server OS? Explain function in details. | (2015) |
| 11. Explain the concept of network management. Also discuss need. | (2015) |
| 12. Define application server. | (2014) |
| 13. Discuss the concept of Network management. | (2014) |
| 14. Explain the type of server with their main function. | (2012) |
| 15. What is the role of server in CST? | (2012) |
| 16. Explain the characteristics of server operating system. | (2012) |
| 17. What is FAT server? | (2012) |

Unit 4

Computer Architecture

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| 1. Write short note on LAN manager. | (2017) |
| 2. Which layer of OSI model define IP address mechanism? | (2017) |
| 3. What is application partitioning? Describe application development using application partitioning. List some of the benefits of application partitioning. | (2017) |
| 4. What is IPC? Explain various protocol used in IPC. | (2017) |
| 5. Router is used in which layer of OSI model? | (2016) |
| 6. Define protocol. | (2016) |
| 7. Define web server? | (2015) |
| 8. What is the client server architecture? Write difference between file server and client server development? | (2015) |
| 9. What is three layer architecture? Explain the core design methodology of three layer architecture with example. | (2015,2012) |
| 10. Discuss OSI reference model in details. | (2015) |
| 11. Write short note on : | |
| a. Traffic management | |
| b. LAN manager | |
| c. Two layer architecture | |
| d. Remote system administration | (2015) |
| 12. What is OSI. | (2014,2012) |
| 13. Discuss the need of IPC. | (2014) |
| 14. Discuss the role of API. | (2014,2012) |
| 15. List OSI layer in chronological order. | (2014) |

16. Explain the purpose and architecture of OSI. (2014)
17. What is window API. (2013)
18. Explain need of IPC. (2013,2012)
19. What is NOS? (2013)
20. What is Novell Netware? (2013)
21. Explain the work of Data Link Layer in OSI mode. (2013)
22. Write the key layer of OSI model discuss function of each layer. (2013)
23. What is the communication between client server? Describe communication protocol with help of OSI. (2013)
24. What do you understand by two or three layer architecture? And also explain use of middleware technology in CST. (2013)
25. Which of the OSI layer determines the route to use in the subnet? (2012)
26. Compare the two tier and three tier architecture. Discuss when we should use 3-tier architecture. (2012)
27. Discuss what server and client programs expect from their OS. (2012)
28. Write short note on:
 - a. Remote procedure call
 - b. Web server (2012)

Unit 5

Network management

1. Explain in details:
 - a. Development tool
 - b. Development Phases (2017)
2. Explain intranet. (2016)
3. What is terminal? (2016)
4. List privacy issue of CST. (2014)
5. Explain the issues related to managing a LAN network. (2013)
6. What is the purpose of LAN manager? (2012)

Extra Questions

1. What is secure socket layer? (2017)
2. What is EDI? (2017)
3. Write down difference between downsizing, rightsizing, upsizing. (2017)
4. Define TP monitors. (2017)
5. Describe single system image. (2017)
6. How many layer are in TCP/IP model? (2017)
7. What is the full form of OLTP and MOM? (2017)
8. Define term handshaking in TCP/IP. (2016)
9. What is telnet? (2016)
10. What is firewall? (2015,2014,2013)
11. What is peer-to-peer communication? (2015,2014)
12. What do you mean by network traffic? (2015,2014)
13. Difference between authentication and authorization. (2015)
14. What is a transaction in CST environment? (2015)
15. Discuss various security measures used in CST development. (2015)