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Reg. No.....

Name.....



B.TECH. DEGREE EXAMINATION, MAY 2014

Seventh Semester

Branch : Computer Science and Engineering

CS 010 706 L06—CLIENT-SERVER ARCHITECTURE AND APPLICATIONS
(Elective II) (CS)

(Improvement/Supplementary)

[2010 Admissions]

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

Each question carries 3 marks.

1. What are the uses of client-server computing ?
2. How will you prepare applications for client-server ?
3. What is multiprogramming ? Explain.
4. Explain the term synchronization.
5. What is TCP ? Explain.

(5 × 3 = 15 marks)

Part B

Answer all questions.

Each question carries 5 marks.

6. What is distributed computing ? Explain.
7. Explain client-server interaction using message.
8. List and explain the advantages and drawbacks of multiple processors.
9. What is mutual exclusion ? Explain.
10. Explain secure client-server communication.

(5 × 5 = 25 marks)

Part C

Answer all questions.

Each question carries 12 marks.

11. Explain how the cost of client-server computing is estimated.

Or

12. Explain heterogenous computing and its advantages, disadvantages and uses.

Turn over

13. Discuss in detail the protocols used in client-server interaction.

Or

14. Describe the steps for preparing applications and optimising applications for client server.

15. Explain the server communication model in detail.

Or

16. Describe in detail multiprogramming and multitasking in detail.

17. With an example, describe processing queues.

Or

18. Discuss the steps for semaphore implementation in Netware.

19. Explain password security at system level and application level.

Or

20. Discuss in detail different type of Network Communications.



(5 × 12 = 60 marks)