

J. Sambal



**Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India
Continuous Internal Assessment - I February 2025
Semester VI**

Class : III UG

Time: 2 hours

Major: Computer Science

Max.Marks:60

21BCSC30 Client Server Computing

Course Outcomes:

- CO1: Describe and synthesize the client/server concepts and different types of servers.
CO2: Analyze the operating system services required for client/server architecture.
CO3: Master the concepts of SQL database server and Data Warehouse.
CO4: Familiarity with the concepts of transaction processing, functions of TP monitor and client/server interaction types.
CO5: Exposure to the concepts of distributed objects in client/server computing.

Part A

Choose the correct answer

6 x 1 = 6

1. The _____ server that helps people work together collectively while located remotely from each other. CO1 K1
a. database b. file c. Groupware d. web
2. In _____, the application logic is either buried inside the user interface on the client or within the database on the server. CO1K2
a. two-tier b. single-tier c. three-tier d. multi-tier
3. NetBEUI is an enhanced version of ----- Protocol CO3 K2
a. IPX b. SPX c. NetBIOS d. TCP/IP
4. All CPUs share the same memory in _____. CO3 K2
a. Symmetric b. Asymmetric c. Parallel d. Distributed
5. A _____ is a prepared SQL code that you can save, so the code can be reused over and over again. CO3 K2
a. stored procedure b. Remote Procedure c. procedure d. function
6. _____ is responsible for packing the procedure arguments in RPC CO3K2
a. client stub b. server skeleton c. middleware d. none

Part B

Answer All Questions

3 x 6 = 18

Answer should not exceed 400 words or two pages

7. A. What are the characteristics of Client / Server computing? CO1K2
(or)
B. Describe client/server software infrastructure with a diagram. CO1K2

8. A. Briefly discuss on NOS middleware. CO2K2

(or)

B. Briefly discuss on server scalability. CO2K2

9. A. Compare and contrast stored procedure vs remote SQL access. CO3K2

(Or)

B. Explain triggers and rules in detail. CO3K2

Part C

Answer All questions

3x12 = 36

Answer should not exceed 800 words or four pages

10. A. Elaborate on the various types of servers. CO1K1

(Or)

B. Brief on the types of client/server architectures. Compare two-tier and three-tier architectures. CO1K1

11. A. What are the extended services a server needs from an operating system? CO2K2

(Or)

B. Elaborate on RPC and MoM and compare. CO2K2

12. A. Elaborate on SQL Database Server Architectures. CO3K2

(Or)

B. Elaborate on ISO standards of SQL Database Servers. CO3K2

Faculty-in-charge: Dr.B.Sarojini & Mrs.Preema

Total copies: ~~110~~

A 57
S 65