Register No: …………………… Name: ....

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)
(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)
EIGHTH SEMESTER B.TECH DEGREE EXAMINATION(R), MAY 2024
Computer Science and Engineering
(2020 SCHEME)

Course Code	:	20CST424
Course Name	:	Client Server Architecture
Max. Marks	:	100

Duration:3 Hours

Scientific calculator and statistical table is allowed in the examination hall.

PART A
(Answer all questions. Each question carries 3 marks)

1. Define application server.

2. How can you represent the client server model pictorically?

3. Depict the role of middleware in client/server architecture.

4. Explain distributed computing.

5. Explain Remote boot services.

6. What is Network Operating System?

7. What is agility factor?

8. What are the services provided by client server applications?

9. Whats the concept of database translator and network translator?

10. What is Process-Per-Client Architecture?

PART B
(Answer one full question from each module, each question carries 14 marks)
MODULE I

11. Describe the driving force for client server computing model based on business perspective?   14
OR

12. Ellaborate on the concept of client ,server, mainframes and workstation.   14
MODULE II

13. Describe how client server computing is integrated with distributed computing?   14
OR

14. Ellaborate on classification of client server system.   14
MODULE III

15. Explain the concept of Single image system with a neat diagram.   14
OR

16. Ellaborate the concept of RPC with a neat diagram.   14
MODULE IV

17. Give notes on various performance factors for the client server systems. 14

OR

18. Describe in detail the various challenges in computer network. 14

MODULE V

19. What is client server database? Explain. 14

OR

20. Describe the components in database middleware with a neat diagram. 14

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