E 6485 (Pages : 2) Reg. No.....

Name.....

B.Sc./B.C.A. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2019

Sixth Semester

Choice Based Core Course—CLIENT SERVER COMPUTING

[Common for B.Sc. Computer Science, B.C.A. and B.Sc. Computer Applications (Triple–Main)]

(2013 Admission onwards)

Time : Three Hours Maximum Marks : 80

Part A

Answer **all** *questions.*
Each question carries 1 *mark.*

1. What is smart sizing ?
2. What is availability ?
3. What is dynamic data exchange ?
4. What is X window ?
5. What is data stripping ?
6. What is RPC ?
7. What is distributed file system ?
8. What is atomicity ?
9. What is data manipulation language ?
10. List ACID properties ?

(10 × 1 = 10)

Part B

Answer any **eight** *questions.*
Each question carries 2 *marks.*

11. What are the hardware trends in the evolution of client server computing ?
12. List open system standard areas.
13. Define flexibility and scalability ?
14. What is the role of presentation manager ?
15. What is interoperability ?

Turn over

16. Differentiate between data dictionary and repository ?

17. What are the two versions of RAID 1 ?

18. List the advantages of super server over micro server ?

19. What is distributed directory service ?

20. Write a note on multi-threading ?

21. What is load leveling ?

22. List the different ways to interconnect LANs ?

(8 × 2 = 16)

Part C

Answer any **six** *questions.*
Each question carries **4** *marks.*

23. Describe about transaction processing applications.

24. What are the obstacles in implementing the client server computing ?

25. Explain object linking and embedding ? What is the difference between DDL and OLE ?

26. Write a note on GUI design standards ?

27. What are the three major benchmark tests for servers ? Explain.

28. Explain multi-processing ?

29. What are the 8 layers of software ? Illustrate with figure.

30. What is stored procedure ? Explain

31. Write a short note on database gateways ?

(6 × 4 = 24)

Part D

Answer any **two** *questions.*
Each question carries **15** *marks.*

32. With a diagram explain the components of client server application.

33. Explain open interface architecture with a diagram ?

34. Describe about different categories of servers ?

35. Explain OS/2 2.0 layered architecture with diagram ?

(2 × 15 = 30)