

E 6237



Reg. No.....

Name.....

B.Sc./B.C.A. DEGREE (C.B.C.S.S.) EXAMINATION, SEPTEMBER 2024

Sixth Semester

Choice Based Core Course—CLIENT SERVER COMPUTING

(Common for B.Sc. Computer Science, B.C.A. and B.Sc. Computer Applications)

(Prior to 2013 Admissions)

[Triple Main]

Time : Three Hours

Maximum Weight : 25

Part A

Answer all questions.

A bunch of four questions carries a weight of 1.

- I. 1 A gateway for the server side object is _____.
- (a) Skeleton. (b) Server.
(c) Stub. (d) Remote.
- 2 Three tier architecture includes which of the following ?
- (a) 3 server layers.
(b) 3 client layers.
(c) Two server layers and a client layers.
(d) Two client layers and one server layer.
- 3 A server cannot serve on _____ level.
- (a) Database layer. (b) Business layer.
(c) Client layer. (d) All of the above.
- 4 The type of server in two-tier architecture which provides the data to client stored on disk pages is called _____.
- (a) Transaction server. (b) Disk server.
(c) Functional server. (d) Data server.





- II. 5 GUI stands for _____.
- 6 Client server applications are _____ in nature.
- 7 In a client-server architecture, _____ processes the request and sends the response.
- 8 _____ is a device software or a system that converts data between dissimilar network with different protocols.
- III. 9 In ACID properties of a transaction, 'A' refers to _____.
 - (a) Amplitude. (b) Atomicity.
 - (c) Attributes. (d) Ability.
- 10 Which of the following does not refer to middleware ?
 - (a) COM. (b) DCOM.
 - (c) RMI. (d) Java.
- 11 _____ is a Non-GUT client.
 - (a) Windows 3.X. (b) Linux.
 - (c) Windows NT 3.5. (d) ATM.
- 12 Which of the following is not a network operating system ?
 - (a) Android. (b) UNIX.
 - (c) LINUX. (d) Windows 2000.
- IV. 13 _____ are special stored procedures that automatically runs when an event occurs in the database server.
- 14 A _____ server has more than one thread.
- 15 A _____ can start other servers when needed.
- 16 TCP / TP stands for _____.

(4 × 1 = 4)

Part B

*Answer any five questions.
Each question carries a weight of 1.*

- 17 List out the benefits of client/server computing.
- 18 List out the software trends.





E 6237

- 19 What do you mean by myths in client server computing ?
- 20 What is an operating system ? List two examples.
- 21 What do you mean by X window ?
- 22 What is an optimizer ?
- 23 What are functions of a client ?
- 24 What is GUT design standards ?

(5 × 1 = 5)

Part C

*Answer any **four** questions.
Each question carries a weight of 2.*

- 25 Explain the components of a client.
- 26 Explain transaction processing.
- 27 Explain database gateways.
- 28 Discuss the different categories of client server computing.
- 29 Explain the server operating systems.
- 30 What are the features of data manager ?

(4 × 2 = 8)

Part D

*Answer any **two** questions.
Each question carries a weight of 4.*

- 31 Write notes on :
 - (a) Network operating systems.
 - (b) Triggers.
- 32 Explain in detail network management and computing environments.
- 33 Explain the components of client server applications.

(2 × 4 = 8)

