

CLIENT SERVER COMPUTING

(For those who joined in July 2008 and 2009)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

1. The client / server computing uses _____ processing power.
(a) Local (b) Global
(c) Bom (d) None
2. The first generation of client / server applications operated in _____ environment.
(a) GUI (b) File server
(c) Data base (d) None
3. A client / server application has _____ components.
(a) client
(b) server
(c) client / server
(d) client, server network

4. Compared to a desktop micro, server hardware has _____ memory capabilities.
(a) decreased (b) increased
(c) same (d) none
5. A client machine refers to the desktop machine the worker uses with _____.
(a) DOS (b) OS /2 based micro
(c) Eimer (a) or (b) (d) None
6. One of the disadvantages of DOS, a .16-bit OS is the memeory ceiling of _____.
(a) 256 KB (b) 640 KB
(c) 1 MB (d) None
7. OS / 2 2.0 is a _____ operating system.
(a) single (b) multiuser
(c) multitasking (d) none
8. Each thread consists of
(a) stack
(b) an instruction pointer
(c) a priority
(d) all the above
9. An example of a 32 – bit processor is
(a) Intel 286 (b) Intel 386
(c) Motorola 68020 (d) None

10. The oldest shell interface routine is

- (a) Bourne
- (b) C
- (c) Korn
- (d) None

PART B — ($5 \times 7 = 35$ marks)

Answer ALL questions.

11. (a) What are the benefits of downsiting? Explain briefly.

Or

(b) Explain about first generation client / server application.

12. (a) Bring out the functions of client machine.

Or

(b) Write short notes on two major LAN mail products.

13. (a) List out the benefits of GUI.

Or

(b) Explain the disadvantages of DOS.

14. (a) Define Benchmarks.

Or

(b) Write short notes on distributed file system.

15. (a) Discuss on the following.

(i) pipes

(ii) platforms

Or

(b) What is meant by flat transaction?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Bring out the benefits of client / server computing.
 17. Classify the categories of client / server applications.
 18. Write short notes on
 - (a) Transaction server
 - (b) SQL interface.
 19. Explain the features of server machine briefly.
 20. Discuss briefly on OS / 2 2.0 supported interfaces and applications.
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