

Printed Pages: 1

Paper Id: 214242

Sub Code: RCAE12

Roll No.

--	--	--	--	--	--	--	--	--	--

MCA

(SEM IV) THEORY EXAMINATION 2018-19

CLIENT SERVER COMPUTING

Time: 3 Hours

Total Marks: 70

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14

- a. Give the various characteristic of client/server systems.
- b. Discuss three problems with file server architecture.
- c. What are the disadvantages of using stored procedures?
- d. What do you mean by network operating system? Give some example.
- e. Why we use networks?
- f. Define the term help desk.
- g. What do you mean by value added network?

SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21

- a. Explain various services of single system image.
- b. How the request can be processed? Discuss various types of server.
- c. Discuss peer to peer and client/server networks along with their advantages and disadvantages.
- d. What do you mean by project management? Discuss various objectives of effective project management.
- e. Explain the structure of expert systems in detail.

SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7

- (a) Compare mainframe system with client server system. Discuss advantages and disadvantages of client server computing.
- (b) What do you mean by downsizing, rightsizing and upsizing? Discuss downsizing and client/server computing.

4. Attempt any *one* part of the following: 7 x 1 = 7

- (a) Discuss various types of server operating system.
- (b) Explain distributed computing environment in detail.

5. Attempt any *one* part of the following: 7 x 1 = 7

- (a) What do you mean by network management? Discuss various functional areas of network management.
- (b) Discuss various network management architectures along with their merits and demerits.

6. Attempt any *one* part of the following: 7 x 1 = 7

- (a) What do you understand by surge protectors? Discuss considerations and compatibility power supplies.
- (b) Discuss availability, reliability and serviceability in terms of client/server systems development.

7. Attempt any *one* part of the following: 7 x 1 = 7

- (a) What is GIS and why it matters? Discuss various types of GIS.
- (b) What do you mean by system administration? Discuss various duties of system administrator.