

AP-564

B.C.A. (Part-III) Semester-VI Examination

CLIENT SERVER TECHNOLOGY

Paper : 6ST2

Time—Three Hours]

[Maximum Marks—60

- Note:—** (1) **ALL** questions are compulsory.
(2) **ALL** questions carry equal marks.
(3) Use suitable data wherever necessary.

1. (a) Explain the concept of client server and also write its uses. 6
- (b) Explain the following :
 - (i) Microprocessor integration
 - (ii) Scalability. 6

OR

2. (a) Explain the heterogeneous computing in detail. 6
- (b) Explain the following :
 - (i) Computing platforms
 - (ii) Distributed computing. 6

3. (a) Explain the concept of multi-tasking with process and threads. 6
 (b) What are the various programming fundamentals for client server developers ? 6

OR

4. (a) Explain client server communication techniques and protocols. 6
 (b) Write and explain client server applications. 6
 5. (a) What is scheduling ? Explain scheduling implementation. 6
 (b) What context switching ? Explain. 6

OR

6. (a) What do you mean by primitive and non-primitive system ? Explain. 6
 (b) Explain the role of scheduler in client server technology. 6
 7. (a) Explain semaphore implementation in Novell Netware. 6
 (b) Explain the following :
 (i) Memory allocation
 (ii) Memory manipulating. 6

OR

8. (a) Explain P and V semaphores with examples. 6
 (b) Explain the following :
 (i) Memory management
 (ii) Memory sharing. 6
 9. (a) Explain three types of SQL commands with example. 6
 (b) Explain power builder in oracle. 6

OR

10. (a) What are the different models of DBMS ? Explain each in detail. 6
 (b) State and explain various tools provided by ORACLE. 6