

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BCA DEGREE EXAMINATION MAY 2017
(Fifth¹ Semester)

Branch - COMPUTER APPLICATIONS

CORE ELECTIVE-I CLIENT / SERVER COMPUTING

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks . (10 x 2 = 20)

- 1 Define Memory.
- 2 State the various technologies in Business Considerations.
- 3 Define the UNIX-based.'
- 4 Write about the Reliability and Availability.
- 5 ' What do you mean by Database Server?
- 6 How to specify UI - Atlas in Open system?
- 7 What is TCP / IP ?
- 8 Define the Protocol.
- 9 Write the different types of SQL windows applications.
- 10 What are the Client / Server development CASE tools.

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Draw and explain the work of Centralized Control.
OR • .
b What is Client / Server Computing ? Explain.
- 12 a State the various types of Processing Applications.
OR
b What is a GUI ? Discuss.
- 13 a Explain about the Eight Layers of Software. '
OR
b Write a note on Distributed Computing Environment.
- 14 a Explain the Network Topologies used in LANs with diagram.
OR
b Write the different types of LAN characteristics.
- 15 a Explain the ATM switching technologies.
OR
b How the organisations charge the trends in client / server computing.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Explain in detail about Software Trends.
- 17' Draw and explain the categories of Client / Server' Applications.
- 18 What are the different features of Server Machines?
- 19 Explain the Network Operating System with neat diagram.
- 20 Describe about the Ellipse Architecture. *