PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BCA DEGREE EXAMINATION DECEMBER 2018
(Fifth Semester)

Branch - **COMPUTER APPLICATIONS**

CORE ELECTIVE -1; 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   What is meant by Client/Server Computing?
2   Give two examples for network operating system.
3   What is the use of Wildcard?
4   What is GUI?
5   List the different types of Servers.
6   List the eight layers of server software environment.
7   State the purpose of Interface.
8   Specify any two network management standards.
9   What is EASEL?
10   Mention the characteristics of Wireless LAN.

SECTION - B (25 Marksl
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

11 a   Discuss the benefits of Client/Server Computing.
OR
   b Write a note on network trends in Client/Server Computing.

12 a Describe the components of Client/Server applications.
OR
   b How the database connectivity can be established in Client/Server
      environment? Explain with an example.

13 a Write about the configuration of Server Hardware.
OR
   b   Illustrate the functions of network management environment.

14 a   Describe the characteristics of Local Area Network.
OR
   b   Discuss the features of networking operating system.

15 a Write a note on SQL Tool set.
OR
   b   Illustrate the working principle of ATM switching.

SECTION - C (30 Marks)
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

16   Explain the evolution of Client/Server Computing.

17   Explain the different classes of Client/Server applications.

18   Describe about features and classes of server machines.

19   Illustrate the function of network architecture.

20   Explain the applications and services of mobile computing.