PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BBA DEGREE EXAMINATION DECEMBER 2017
(Second Semester)

Branch - **INFORMATION SYSTEM**

SYSTEM ANALYSIS & DESIGN

Time : Three Hours   Maximum ; 75 Marks

SECTION-A (20 Marks!
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (1 0 x 2 = 20)

1   Sate any two characteristics of a system.
2   What is supra system?
3   What is the need for feasibility assessment?
4   Sate the purpose of investigation.
5   What is logical system?
6   Define system security.
7   Write the importance of software maintenance.
8   Enlist the various software process models.
9   Define basis path testing.
10   What do you mean by test case design?

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

11 a What is system? Explain its types briefly.
                          OR
    b Narrate the characteristics and qualities of a system analyst.

12 a Discuss the different methods of investigation.
                          OR
    b Write a note on investigation recording.

13 a Explain output and input design with form design.
                          OR
    b What is file design? Explain.

14 a Briefly explain about software documentation.
                          OR
    b Discuss about configuration management.

15 a Explain the software testing fundamentals.
                          OR
    b What is validation testing? Explain with example.

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

16   What is information system? Explain its types.

17   Discuss about feasibility assessment.

18   Expound system maintenance and changeover.

19   Explain software life cycles and activities in each phase.

20   Give a brief note on: (i) Black box Testing (ii) Unit Testing