

**PSG COLLEGE OF ARTS & SCIENCE**  
(AUTONOMOUS)

**MSc DEGREE EXAMINATION DECEMBER 2018**  
(Fourth Semester)

Branch -**SOFTWARE SYSTEMS**  
(Five year integrated)

**SYSTEM ANALYSIS & DESIGN**

Time: Three Hours

Maximum: 75 Marks

**SECTION -A (30 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** Marks (5 x 6 = 30)

1 a Explain about formal information system and computer based information system."

OR

b Describe the multifaceted role of the Analyst.

2 a Write about data dictionary.

OR

b Briefly explain feasibility study.

3 a Express the features of file organization.

OR

b Explain about input media and devices.

4 a What do you mean by software maintenance? Explain.

OR

b Expound system testing.

5 a Give a short notes on Project organization.

OR

b Describe about Evaluation Process.

**SECTION -B (45 Marks)**

Answer any **THREE** questions.

**ALL** questions carry **EQUAL** Marks (3 x 15 = 45)

6 Describe the phases of System development Life Cycle.

7 Narrate the features of information gathering tools.

8 What is form? Explain in detail about its classification, designs, types and layout considerations.

9 Discuss about conversion and user training.

10 i) Explain about Hardware selection.

ii) Write short notes on Gantt chart and PERT.