

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

**MSc DEGREE EXAMINATION MAY 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 State and explain all basic elements of system.
OR
b Justify the role of system analyst in system development.
- 2 a State the significance of Data Flow Diagram in system.
OR
b Write about the features of Data Dictionary.
- 3 a State the objectives of Input design and Output Design.
OR
b Discuss Database design.
- 4 a Mention the rules to be followed for system testing.
OR
b State the purpose and objectives of quality assurance.
- 5 a List down the criteria for software selection.
OR
b Describe the method of evaluating hardware and software.

SECTION -B (45 Marks)

Answer any **THREE** questions

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

- 6 Explain various approaches of system development.
- 7 Discuss briefly on Information gathering tools.
- 8 Explain in detail about file access methods and types of files used in a system.
- 9 Write short notes on :
(i) Post Implementation Evaluation Review. (8)
(ii) System Maintenance. (7)
- 10 Illustrate the various Project Scheduling and Management tools.