

**PSG COLLEGE OF ARTS & SCIENCE**  
(AUTONOMOUS)  
**BBA DEGREE EXAMINATION MAY 2019**  
(Second Semester)

**Branch - BUSINESS ADMINISTRATION (IS)**

**SYSTEM ANALYSIS AND DESIGN**

Time : Three Hours

Maximum : 75 Marks

**SECTION-A (20 Marks)**

Answer **ALL** questions

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

- 1 Define System
- 2 Compare Subsystem and Supra system. .
- 3 What are the importance of investigation in system development?
- 4 What is the use of feasibility?
- 5 Write short notes on logical system.
- 6 What is meant by Review?
- 7 Write short notes on software documentation.
- 8 Comment on software maintenance.
- 9 Compare unit testing & Integration testing.
- 10 Why do we need validation testing?

**SECTION - B (25 Marks)**

Answer **ALL** Questions

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

- 11 a Explain types of information system.  
OR  
b Discuss the components of system.
- 12 a Describe methods of investigation.  
OR  
b Write a short notes on recording the investigation.
- 13 a Explain Form design in detail.  
OR  
b Discuss system implementation in detail.
- 14 a Describe configuration management in detail.  
OR  
b Write a short note on control life cycle management.
- 15 a Discuss about white box testing in detail.  
OR  
b Explain block box testing in detail.

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

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

- 16 Explain system development life cycle and its stages.
- 17 Discuss feasibility assessment types and procedure in detail.
- 18 Describe File Design, Database Design in detail.
- 19 Write a detail note on software process model.
- 20 Discuss testing strategies in detail.