PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2017
(Sixth Semester)

Branch - COMPUTER SCIENCE

SOFTWARE TESTIG

Time : Three Hours   Maximum : 75 Marks

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

1   Define testing?
2   What is the difference between debugging and testing?
3   What do you mean by test case?
4   Define black box testing.
5   Explain about test plan.
6   What is the importance of setting a test goal?
7   Why review is needed in testing process?
8   Define dynamic analysis methods.
9   Define Reliability.
10   Define the meaning of usability testing

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

11 a Discuss on errors, faults and failures.

OR

b Discuss on TMM levels.

12 a Discuss on test case design strategies.

OR

b Write short notes on boundary value analysis.

13 a Expound on testing goals.

OR

b Write short notes on controlling and monitoring the testing process.

14 a Explain about review types.

OR

b Give a brief note on review network.

15 a Discuss on quality measures on software Testing.

OR

b Write short notes on SQA.

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

16   Brief about testing fundamentals.

17   Explain about white box testing.

18   How will you control and monitor the testing process?

19   Explicate about review plans & metrics.

20   Give the techniques to analyze and prevent defects.

Z-Z-Z   END