

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

**BSc DEGREE EXAMINATION DECEMBER 2018  
(Sixth Semester)**

Branch - **COMPUTER TECHNOLOGY**

**SOFTWARE TESTING**

Time : Three Hours

Maximum : 75 Marks

**SECTION-A (20 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** marks

(10 x 2 = 20)

- 1 What is the purpose of Testing?
- 2 Define Hypothesis.
- 3 Write about Random Testing.
- 4 What is White box testing?
- 5 Give any two testing goals.
- 6 Write the purpose of monitoring.
- 7 Define Review Plan.
- 8 Define Review metrics.
- 9 What is Quality Control?
- 10 Define defect.

**SECTION - B 125 Marks)**

Answer **ALL** Questions

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

- 11 a Give an introduction on the Testing process.  
OR  
b Write a short notes on defects.
- 12 a Write in short about Testing design Strategies.  
OR  
b Give a key note on 'White box for Test design'.
- 13 a What is a Transmitted report? Write a note.  
OR  
b Write in short about Plan attachment.
- 14 a What are the components of review plans?  
OR  
b Give the importance of Review metrics. Give a note in brief
- 15 a What is called as Quality control? What happens if it is not done?  
OR  
b Write a short note on Defect analysis.

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

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

- 16 What are all the important features in Hypothesis?
- 17 Explain about Boundary Value Analysis in detail.
- 18 Give a detailed account on Report test result.
- 19 Discuss on the various types of Testing.