

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.

M.Sc. END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - III

20PC SCT3009 - Software Testing

Total Duration : 3 Hrs		Total Marks : 75	
MCQ	: 30 Mins	MCQ	: 15
Descriptive	: 2 Hrs.30 Mins	Descriptive	: 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Describe about software testing principles.
2. Differentiate between verification and validation in detail.
3. Explain any three types of system testing.
4. Distinguish between unit testing and integration testing.
5. When we execute Adhoc testing? Explain its various types.
6. Write short notes on regression testing.
7. Classify any five test plan components with examples.
8. Discuss various categories of software metrics with example.

Section C

Part A

Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Justify the major quality assurance activity and indicate their importance.
10. Examine the concepts of acceptance testing in detail.
11. Compare black box testing and white box testing.
12. Explain various metrics and measurements in software testing.

Part B

Compulsory question ($1 \times 10 = 10$ Marks)

13. Discuss in detail the software testing development life cycle.