

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.(Computer Science) END SEMESTER EXAMINATIONS NOVEMBER - 2023

SEMESTER - III

20PCSCT3009 - Software Testing

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Explain verification and validation with example.
2. Discuss the need of quality control.
3. Classify the characteristics of black box testing.
4. Discuss top-down integration testing.
5. Illustrate the working principles of Ad-hoc testing.
6. Analyse the importance of Performance Testing.
7. Explain test planning with example.
8. Examine test metrics and measurement.

Section C

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

9. Analyse white box testing with suitable example.
10. Examine the working principles of regression testing.
11. Elaborate test process and reporting.
12. Criticize the process of test automation.

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

13. Examine waterfall model with diagram.
