

**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 EXAMINATIONS APRIL - 2022**

**SEMESTER - III**

**18PCSCT3009 - Software Testing**

**Total Duration : 3 Hrs.**

**Total Marks : 60**

**Section A**

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

1. Describe the various phases of software project.
2. Distinguish between verification and validation.
3. Write short notes on integration testing.
4. Discuss in detail about acceptance testing.
5. Explain about performance testing.
6. Illustrate when we use adhoc testing.
7. Classify the test planning components.
8. Show the design and architecture of software test automation.

**Section B**

**Part A**

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

9. Compare white box testing and black box testing.
10. Examine the concept of regression testing.
11. Justify about test process and best practices.
12. Assess various types of test metrics.

**Part B**

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

13. Discuss about software development life cycle models.

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