

**M.Sc. DEGREE EXAMINATION, NOVEMBER 2018**  
**II Year III Semester**  
**Core Elective -V**  
**SOFTWARE TESTING**

**Time : 3 Hours**

**Max.marks :75**

**Section A** ( $10 \times 2 = 20$ ) Marks

Answer any **TEN** questions

1. What is the goal of testing?
2. What are the different phases of software project development?
3. What is static testing?
4. What is the importance of Boundary Value Analysis?
5. What is performance tuning?
6. What is Agile Testing?
7. What are the three categories of Best Practices?
8. What are the aspects of Risk Management?
9. What is test automation?
10. What are the types of metrics available in testing?
11. State two reasons for doing Black Box testing.
12. What is prototyping?

**Section B** ( $5 \times 5 = 25$ ) Marks

Answer any **FIVE** questions

13. Explain about Testing , Verification and Validation.
14. Why integration testing is needed? Explain.
15. Analyze the importance of Regression testing.
16. Discuss about Scalability and Stress testing.
17. What is test automation ? What are the skills needed for test automation?
18. What are the quality factors associated with usability testing?
19. How will you prepare a Test Report in Testing?

**Section C** ( $3 \times 10 = 30$ ) Marks

Answer any **THREE** questions

20. Elaborate on Life Cycle models.
21. Discuss about Black Box testing in detail.
22. What do you mean by Adhoc testing? Explain.
23. Explain test planning in detail.
24. Discuss about Test metrics in detail.

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