

M.Sc DEGREE EXAMINATION, APRIL 2019
II Year III Semester
Software Testing

Time : 3 Hours

Max.marks :75

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

Answer any **TEN** questions

1. What is software testing?
2. What is software quality assurance?
3. What is black box testing?
4. Differentiate alpha testing and beta testing?
5. Mention the tool for performance testing?
6. What is usability testing?
7. What is test planning?
8. What are the factors to be considered for test case?
9. What is test automation?
10. What are metrics for testing?
11. What are the tools for software test automation?
12. Differentiate verification and validation?

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

Answer any **FIVE** questions

13. Differentiate software quality assurance and software quality control.
14. What are the challenges found in white box testing?
15. Discuss the methodology for performance testing.
16. Describe how to select the features for software testing.
17. What are the terms and skills needed for software test automation?
18. Explain with an example the waterfall model of software development.
19. Explain with a neat diagram the V - model of software development.

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

Answer any **THREE** questions

20. Explain in detail the various phases of a software project development life cycle.
21. Discuss the integration and acceptance testing with example?
22. Explain Ad-hoc testing accessibility testing?
23. Discuss the best practices for test planning and test process?
24. Explain in detail about software test metrics and measurement?

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