



QP CODE: 25021714



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Reg No :

Name :

B VOC DEGREE REGULAR/REAPPEARANCE EXAMINATIONS, MARCH 2025

Sixth Semester

B. Voc Software Quality Assurance & Quality Control

CORE COURSE - SQACS604 - INTRODUCTION TO TEST AUTOMATION

2018 Admission Onwards

F2B43394

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Why we need Automation Testing?
2. Which Test Cases Not To Be Automated?
3. Which are the metrics need to consider for calculate ROI savings ?
4. Test cases are designed to cover each Equivalence partitioning at least once.Why?
5. How test coverage accomplish in Jmeter?
6. Define 1)Test Cycle 2)Test Script 3)Test Schedule.
7. Write short note on Endurance Testing.
8. Define ASSIGNED,OPEN states of the Defect in the Bug Defect Life cycle.
9. Write short on Hybrid Testing Framework.
10. Write short note on automation tool Jmeter.
11. Write the Features of performance testing tool Jmeter.
12. Define Software Quality.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain Automation Testing Recipes.





14. Write short note on White box Testing.
15. Write the challenges of Automation Testing.
16. What is meant by Deciding the scope of Test Automation?
17. Write about different categories of test execution time savings.
18. Which are the different type of DDS network configurations? Explain.
19. Describe about Automated defect tracking.
20. Explain the products of AST Phase 2.
21. In-house-developed test tools can differentiate a pass versus fail in Test Result Analysis. Explain.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Briefly explain about test development time savings, test execution time savings, test diagnostics time savings.
23. Define RTM. Write about Automating RTM with example.
24. How Automation testing reduces time, cost, and quality? Explain.
25. Explain the Roles and Responsibilities of 1) Team Leader 2) Test Developer 3) Script Developer 4) Test Librarian.

(2×15=30)

