Reg. No :...........................

Name :..............................

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024
2021 ADMISSIONS REGULAR
SEMESTER VI - B. Voc. Software Development GENERAL
VSD6G12B18 - Software Testing

Time : 3 Hours   **Maximum Marks : 80**

Part A

I. Answer any Ten questions. Each question carries 2 marks   **(10x2=20)**

1. Define software quality.What are the 2 kinds of quality?

2. Compare the terms defect and error.

3. What do you mean by software failure?

4. Write a short note on grey box testing.

5. Define recovery testing.

6. Write the other name for Smoke Testing.

7. Define conditional testing.

8. What are the steps to create a decision table?

9. Define System testing.

10. Write a short note on beta testing.

11. Define commercial tools.

12. Define automation testing.

Part B

II. Answer any Six questions. Each question carries 5 marks   **(6x5=30)**

13. Write a short note on software testing team.

14. What are the different levels of software testing?

15. Write a short note on mutation testing.

16. Elaborate on what to test in functional testing.

17. What do you mean by statement coverage?

18. Explain decision coverage with an example.

19. Elaborate on the steps involved in functional testing.

20. Explain about the need for different levels of testing.

21. List out the 5 steps to be followed in Automated Testing Process. Explain.

Part C

III. Answer any Two questions. Each question carries 15 marks   **(2x15=30)**

22. Explain about the roles and responsibilities of A) Test Lead B) Test Manager C) Test Engineer D) Test Automator.

23. Write short notes on A) Verification testing B) Validation testing C) Alpha testing D) Beta testing.

24. Explain about control flow testing , control flow graph and covering code logic with an example.

25. What is unit testing? What are the different procedures involved in unit testing?