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

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

B. Voc. DEGREE (C.B.C.S.) EXAMINATION, MARCH 2023
(2020 Admission Regular, 2019, 2018 Admissions Supplementary)
SEMESTER VI - GENERAL COURSE (SOFTWARE DEVELOPMENT)
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 bug.

2. What do you mean by software failure?

3. List out the roles of software test automator.

4. List any four structural testing tools.

5. Write a short note on grey box testing.

6. Define the term retesting.

7. Define conditional testing.

8. Discuss about the importance of test design techniques.

9. Define unit testing.

10. Define the term restart in recovery testing.

11. List out the properties of test cases which are to be automated.

12. Define commercial tools.

Part B

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

13. Discuss about the responsibilities of test lead/manager.

14. Write a short note on software testing team.

15. Explain about the importance on non functional testing.

16. Differentiate between verification and validation testing.

17. What are the roles of whitebox based test design?

18. What do you mean by statement coverage?

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

20. Explain about different types of system tests.

21. Explain about different criterion to be followed in choosing an automation tool.

Part C

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

22. List out the 7 software testing principles. Explain.

23. List out different categories of structural testing. Explain

24. Explain about various white box testing methods.

25. Explain about different skills needed for automation testing.