

D6BCA2004

Reg.No.....

Name:

SIXTH SEMESTER UG DEGREE EXAMINATION, APRIL 2023
(Regular/Improvement/Supplementary)

BCA

GBCA6E03T: SOFTWARE TESTING & QUALITY ASSURANCE

Time: 2 Hours

Maximum Marks: 60

SECTION A: Answer the following questions. Each carries *two* marks.
(Ceiling 20 Marks)

1. What is Test Reporting?
2. Comment on Test Case.
3. What is Test Plan?
4. Define Acceptance Testing.
5. What is "Smoke" or "Sanity" Test?
6. What is Stress Testing?
7. Explain the importance of Beta testing.
8. What are Decision Tables?
9. Explain is Boundary Value Analysis.
10. What is Defect Bash?
11. Comment on Risk Management.
12. Write a note on Performance Tuning.

SECTION B: Answer the following questions. Each carries *five* marks.
(Ceiling 30 Marks)

13. Explain System Testing.
14. Explain Performance Testing Methodologies.
15. What is Blackbox Testing? How to do Black Box Testing?
16. Write a short note on Types of Integration Testing.
17. Differentiate between Functional and Non-functional Testing.
18. How to do Regression Testing? Explain it.
19. Explain Phases of Software Project.

SECTION C: Answer any *one* question. Each carries *ten* marks.

20. Explain in detail about various life cycle models.
21. What is Metrics? Explain different types of Metrics in Testing.

(1 × 10 = 10 Marks)