D 100497 (Pages : 2) Name..

Reg. No.....................................

SIXTH SEMESTER U.G. DEGREE EXAMINATION, MARCH 2024

(CBCSS—UG)

B.C.A.

BCA 6B 16 (C)—SOFTWARE TESTING AND QUALITY ASSURANCE

(2019 Admission onwards)

Time : Two Hours　　　　　　　　　　　　　　　　Maximum : 60 Marks

Section A (Short Answer Type Questions)

Answer **all** *the questions.*
Each correct answer carries a maximum of 2 *marks.*
Ceiling 20 *marks.*

1. Define Quality Assurance.

2. Define Verification.

3. Define Regression Testing.

4. Explain Bottom-Up Integration.

5. Define Static Testing.

6. Define System Testing.

7. Explain Process Metrics in detail.

8. Explain the advantages of Prototyping Model.

9. Define RAD Model.

10. Explain Acceptance Testing in detail.

11. Write different types of Regression testing.

12. Explain Equivalence Partitioning in detail.

Turn over

Section B (Short Essay Type Questions)

Answer **all** *the questions.*
Each correct answer carries a maximum of 5 marks.
Ceiling 30 *marks.*

13. Explain about the factors governing Performance Testing.

14. Define Black Box Testing. How to do Black Box Testing ?

15. Explain V Model and list out its advantages.

16. Define Performance Testing. Explain the methodology for Performance Testing.

17. Define Static Testing. Discuss the methods to achieve Static Testing.

18. Explain Functional System Testing in detail.

19. Explain Test Process in detail.

Section C (Essay Type Questions)

Answer any **one** *question.*
Correct answer carries 10 *marks.*

20. Explain how to do Regression Testing.

21. Define Integration Testing. Explain different types of Integration Testing in detail.

$(1 \times 10 = 10 \text{ marks})$