Name ....

25U647

B C A DEGREE END SEMESTER EXAMINATION - MARCH 2025
SEMESTER 6 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY
COURSE : **19U6CRBCA19 - MOBILE TESTING**
(For Regular 2022 Admission and Supplementary 2021/2020/2019/2018/2017/2016 Admissions)

Time : Three Hours

Max. Marks: 75

PART A
Answer All (1 mark each)

1. Describe about MonkeyTalk scripts.
2. .... is the command that runs after each test script in the suite.
3. What is security auditing?
4. What is automated testing?
5. What is beta testing?
6. What is the significance of @BeforeClass annotation in JUnit?
7. What is the need of simulators in mobile testing?
8. Robotium is not capable of handling .... components.
9. What is regression testing?
10. What is vulnerabiliity scanning?

(1 x 10 = 10)

PART B
Answer any 8 (2 marks each)

11. Describe briefly about test design in Testing lifecycle of mobile application.
12. Describe briefly about post launch phase in Testing lifecycle of mobile application.
13. What is parameterized script?
14. What are the strategies of android unit testing?
15. What are JUnit Test Runners?
16. What is performance testing?
17. What are the disadvantages of using hybrid applications?
18. Explain about the grey box testing.
19. Explain about the black box testing.
20. What is Main file in Data driven script?

(2 x 8 = 16)

PART C
Answer any 5 (5 marks each)

21. Describe about the OCR/Text recognition tools in mobile test automation.
22. Describe briefly about the short term, long term and post implementation goals of software testing.
23. Describe briefly about the memory leakage testing.
24. Describe briefly about JUnit Test Runners.
25. Describe about parameterized script.
26. Describe briefly about SDLC design phase.
27. What are the advantages of Robotium framework?

(5 x 5 = 25)

PART D
Answer any 2 (12 marks each)

28. Illustrate the implementation of the testcase with the help of a scenario.

29. Explain the test life cycle for mobile application.

30. Describe about the strategies in activity testing and content provider testing.

31. Explain the types of operations testing for mobile operations.

(12 x 2 = 24)