

B C A DEGREE END SEMESTER EXAMINATION - MARCH 2026**SEMESTER 6 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY****COURSE : 19U6CRBCA19 - MOBILE TESTING***(For Regular 2023 Admission and Supplementary 2022/2021/2020/2019/2018/2017/2016 Admissions)*

Time : Three Hours

Max. Marks: 75

PART A**Answer All (1 mark each)**

1. TestSuite is used to execute multiple simultaneously.
2. What is security auditing?
3. What is the significance of @Before annotation in JUnit?
4. What is unit testing?
5. is the command that runs beforehand of each test script in the suite.
6. List the elements in a test case.
7. What is regression testing?
8. Write any two coordinate based recognition tools.
9. What are the factors of beta testing?
10. What is vulnerability scanning?

(1 x 10 = 10)**PART B****Answer any 8 (2 marks each)**

11. What is driver script in Data driven script?
12. What are the challenges faced during mobile testing?
13. What is the process of data driven testing approach in Robotium?
14. Describe briefly about test construction in Testing lifecycle of mobile application.
15. Explain about the grey box testing.
16. Explain the important concepts involved in choosing a device to test a testing tool.
17. Describe about native apps?
18. What is application testing?
19. What are the major goals of software testing?
20. What are the strategies of android system testing strategies?

(2 x 8 = 16)**PART C****Answer any 5 (5 marks each)**

21. Differentiate between black box testing and white box testing.
22. Explain about test execution in Testing lifecycle of mobile application.
23. Describe about parameterized script.
24. What are the common bugs in iOS application?
25. Describe briefly about SDLC design phase.
26. Describe the fundamental test scenarios in the functional testing.
27. Describe briefly about JUnit fixtures.

(5 x 5 = 25)

PART D

Answer any 2 (12 marks each)

28. What are the key features and benefits of MonkeyTalk tool? Describe components of MonkeyTalk which supports Android and iOS platforms.
29. Write short notes on a) Installation testing b)Uninstallation testing c)Upgrade/Update testing.
30. Illustrate the implementation of the testcase with the help of a scenario.
31. Describe the types of integration testing in android.

(12 x 2 = 24)