B C A DEGREE END SEMESTER EXAMINATION - MARCH 2024
SEMESTER 6 - MOBILE APPLICATIONS AND CLOUD TECHNOLOGY
COURSE : **19U6CRBCA19 - MOBILE TESTING**
(For Regular 2021 Admission and Supplementary 2020/2019/2018/2017/2016 Admissions)

Time : Three Hours   Max. Marks: 75

PART A
Answer All (1 mark each)

1. What is uninstallation testing?
2. Describe about MonkeyTalk agent.
3. What is installation testing?
4. What is regression testing?
5. What is the significance of @BeforeClass annotation in JUnit?
6. What is the significance of setUp() fixture method?
7. The Robotium jar file is copied into the .... folder of the project.
8. What is need for software testing?
9. Where is the test data for data driven testing stored?
10. What is the need of using simulators in mobile testing?

(1 x 10 = 10)

PART B
Answer any 8 (2 marks each)

11. Describe briefly about post launch phase in testing lifecycle of mobile application.
12. What is testing script?
13. What is security testing?
14. Describe briefly about strategy definition in testing lifecycle of mobile application.
15. What are the different modules in android?
16. Describe about native apps.
17. What are JUnit Test Runners?
18. What are the stages of SDLC lifecycle?
19. What is the process of data driven testing approach in Robotium?
20. What is the significance of SDLC maintenance phase?

(2 x 8 = 16)

PART C
Answer any 5 (5 marks each)

21. What are the disadvantages of cloud based mobile application testing?
22. Describe about parameterized script.
23. Describe briefly about the white box testing.
24. What are the common bugs in iOS application?
25. Write a testcase by considering a scenario.
26. Explain the directory structure of the project and the hidden files in android.
27. Briefly explain about testing performance on mobile applications using real devices.

(5 x 5 = 25)

Answer any 2 (12 marks each)

28. Explain the test life cycle for mobile application.

29. Explain in detail about JUnit testing framework.

30. Describe the basics of the software development lifecycle and the steps involved in the development.

31. Write short notes on a) Installation testing b)Uninstallation testing c)Upgrade/Update testing.

(12 x 2 = 24)