

Reg. No

Name

BCA DEGREE END SEMESTER EXAMINATION - MARCH 2020
SEMESTER 6 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY
COURSE : 16U6CRBCA19 : MOBILE TESTING
(Common for Regular 2017 Admission & Supplementary 2016 Admissions)

Time : Three Hours

Max. Marks: 75

Section A
Answer All (1 marks each)

1. What is bug recovery?
2. List the elements in a test case.
3. What is the significance of setUp() fixture method?
4. What is the significance of @AfterClass annotation in JUnit?
5. What is upgrade testing?
6. What is security scanning?
7. Write any two image recognition tools.
8. Write any two coordinate based recognition tools.
9. The results of the Test Suite are in the standard report format.
10. command is used to verify whether the component's value and the argument are the same.

(1 x 10 = 10)

Section B
Answer any 8 (2 marks each)

11. What is the significance of SDLC requirements gathering / analysis phase?
12. Explain the post implementation goals of software testing.
13. What are the different modules in android?
14. Describe about mobile web apps.
15. What is the need for compatibility testing?
16. Describe briefly about test construction in Testing lifecycle of mobile application.
17. Describe briefly about report analysis in Testing lifecycle of mobile application.
18. What is driver script in Data driven script?
19. What is the use of Robotium framework?
20. What is parameterized script?

(2 x 8 = 16)

Section C
Answer any 5 (5 marks each)

21. What are the advantages and disadvantages of SDLC?
22. Write a testcase by considering a scenario.
23. What are the features of JUnit?

24. Describe briefly about security testing.
25. What are the disadvantages of mobile application testing on real devices?
26. Explain the reporting features available in Monkeytalk.
27. What are the advantages of Robotium framework?

(5 x 5 = 25)

Section D

Answer any 2 (12 marks each)

28. Describe briefly about the various types of testing.
29. Describe about the strategies in activity testing and content provider testing.
30. Explain the types of operations testing for mobile operations.
31. Describe the various tools that is available for mobile test automation.

(12 x 2 = 24)