

C 1091

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Name.....

Reg. No.....

**SIXTH SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
MARCH 2021**

B.C.A.

BCA 6B 11—ANDROID PROGRAMMING

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A (Short Questions)

Answer all questions.

Each question carries 1 mark.

1. What is the use of android drawable folder in android structure ?
2. What method is called when android application comes to foreground from pause state ?
3. What is the use of cursor in content providers ?
4. Which is the inbuilt database in android ?
5. Which layout displays controls as row and columns ?
6. Which layout displays controls based on anchor points ?
7. Name the type of menus in android ?
8. What is the default designated area to implement search bar in android ?
9. What is the use of onSaveInstanceState() method ?
10. What is the use of SQLiteOpenHelper in android ?

(10 × 1 = 10 marks)

Section B (Paragraph)

Answer at least five questions.

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 15.

11. List the structure of android application.
12. How is color handled in android ?
13. What is spinner used for ?
14. What is the use of layout manager ?

Turn over

- 15. What is fragment transaction ?
- 16. What is the basic structure of menu using XML ?
- 17. Explain an update query in android database ?
- 18. Write a SQLite query to fetch data from a table ?

(5 × 3 = 15 marks)

Section C (Short Essay)

*Answer at least five questions.
 Each question carries 5 marks.
 All questions can be attended.
 Overall Ceiling 25.*

- 19. Explain the steps required to run android application in real device ?
- 20. Explain about various resources in android.
- 21. What is pending intent, explain its use ?
- 22. How to read and write string data in android, explain ?
- 23. Write a simple adapter for list.
- 24. Write a program to create a menu using XML.
- 25. Write necessary code snippets to demonstrate a fragment transaction.
- 26. Write a program to demonstrate the use of persisting application state.
- 27. Write a program to demonstrate the use of shared preference.

(5 × 5 = 25 marks)

Section D (Essay)

*Answer any three questions.
 Each question carries 10 marks.*

- 28. Explain in detail about android application life cycle.
- 29. Write a program to read the contacts from android and display it.
- 30. Write a program to demonstrate the use of custom list view.
- 31. Explain the working of a dialog fragment, show relevant codes.
- 32. Write a program to implement a preference/settings screen.

(3 × 10 = 30 marks)

