

C 30345

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Name.....

Reg. No.....

FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2017

(CUCBCSS—UG)

BCA 5B 08—ANDROID PROGRAMMING

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. AAPT stands for _____.
2. APK stands for _____.
3. _____ is the base class of Activity class.
4. A single screen in an application called _____.
5. Android support _____ types of orientation.
6. Services work in _____ thread.
7. _____ is the application class in android.
8. _____ storage option is used to store public data on the shared external storage.
9. Class that can have only one instance at a time is called _____.
10. _____ is used to store heavy structured data in Android.

(10 × 1 = 10 marks)

Part B

Answer all questions.

2 marks each for all questions.

11. What is AVD ?
12. What is Content Provider ?
13. What is the use of an Activity Creator ?
14. Write short note on Orientation ?
15. What do you mean by Sticky Intent ?

(5 × 2 = 10 marks)

Turn over

Part C

*Answer any **five** questions.*

Each question carries 4 marks.

16. Explain the four essential states of an activity ?
17. Write short note on Activities and Bundle.
18. What is layout manager ? Explain various layout Managers in android ?
19. Write short note on View and View Group ?
20. What is action bar ? Explain various elements contained in action bar ?
21. Explain any *four* attributes related to Button control.
22. Write short note on different containers in android
23. Write short note on SQ Lite

(5 × 4 = 20 marks)

Part D

*Answer any **five** questions.*

Each question carries 8 marks.

24. Explain Android Architecture
25. What do you mean by Broadcast Receivers ? Explain with example.
26. Explain the different types of Resources with example.
27. Explain List view, Grid view, Image View and Adapter View.
28. Explain fragment life cycle.
29. Write short note on the following terms with example :—
 - (a) Tabbed navigation action bar.
 - (b) List action bar.
 - (c) Search View.
 - (d) Spinner.
30. Explain the life cycle of SQ Lite Open Helper with example ?
31. Explain different types of dialog boxes with examples.

(5 × 8 = 40 marks)