

D 11203

(Pages : 2)

Name.....

Reg. No.....

FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2016

(CUCBCSS-UG)

BCA 5B 08—ANDROID PROGRAMMING

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions.
Each question carries 1 mark.*

1. _____ is the debugging techniques in android.
 2. The latest version of android is _____.
 3. _____ operating system is used as the base of the android stack.
 4. _____ XML file contains all the text that your application uses.
 5. _____ attribute is used to set text in a checkbox control.
 6. _____ command is used to stop the services in android.
 7. The _____ file specifies the layout of your screen.
 8. _____ acts as a gateway between outside application environment and your application.
 9. _____ dialog box is used for selecting time by the user.
 10. _____ storage option is used store private primitive data in key-value pairs.
- (10 × 1 = 10 marks)

Part B

*Answer all questions.
Each question carries 2 marks.*

11. What is the proper way of setting up an Android-Powered device for app development ?
 12. What is ANR ? When does it occur ?
 13. Write the importance of action and category tag in manifest file.
 14. What is a Sticky Intent ?
 15. How does Boolean values in SQL lite are stored ? Write an example.
- (5 × 2 = 10 marks)

Turn over

Part C

*Answer any five questions.
Each question carries 4 marks.*

16. Write short note on DDMS.
17. Write short note on intent filter.
18. What is orientation ? Explain different types of layouts.
19. Write short note on list view and grid view.
20. Write short note on different types of resource.
21. Write short note on Alert Dialog.
22. What is the difference between SQL and SQL Lite ?
23. Explain various types of exceptions in Android.

(5 × 4 = 20 marks)

Part D

*Answer any five questions.
Each question carries 8 marks.*

24. Explain Android Core Building Blocks.
25. Explain the structure of android application and its life-cycle.
26. What do you mean by Intent ? Explain the importance of intent in android program development.
27. Explain various layouts with examples. Differentiate Layout Gravity and Gravity.
28. Write short note on :
 - (a) Text control.
 - (b) Button control.
 - (c) Checkbox control.
 - (d) Radio button control.
29. Explain various types of action bar.
30. Explain the fragment life-cycle.
31. Explain how android.database.sqlite package helps to develop database programs.

(5 × 8 = 40 marks)