

**D 90093**

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Name.....

Reg. No.....

**FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2019**

(CUCBCSS—UG)

B.C.A.

BCA 5B 08—ANDROID PROGRAMMING

(2014 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. XML stands for \_\_\_\_\_.
2. The expansion of IDE is \_\_\_\_\_.
3. The android library \_\_\_\_\_ is used to render and manipulate text on a device display.
4. \_\_\_\_\_ are UI elements that are drawn on-screen including buttons, lists forms etc.
5. \_\_\_\_\_ callback is called before the activity is destroyed by the system.
6. \_\_\_\_\_ is an object that holds other View objects in order to define the layout of the user interface.
7. \_\_\_\_\_ is mandatory part of the Intent object and is a string naming the action to be performed.
8. The two types of Intent supported by android are \_\_\_\_\_ Intents and \_\_\_\_\_ Intents.
9. A \_\_\_\_\_ is nothing but an Android style applied to an entire Activity or application, rather than an individual View.
10. All available styles are present in the \_\_\_\_\_ class.

(10 × 1 = 10 marks)

**Part B**

*Answer all questions.*

*Each question carries 2 marks.*

11. What is the function of Resource Manager ?
12. What is the function of the directory menu ?
13. How will you load string array to use in your code ?

**Turn over**

14. What is the purpose of an emulator ?
15. What do you mean by authority in content provider ?

(5 × 2 = 10 marks)

### Part C

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

16. Explain the methods onCreate() and onDestroy().
17. What do you mean by broadcasting custom Intents ?
18. Explain Grid View in android.
19. Explain the Data component of Intent object.
20. Explain spinner adapter in android.
21. What do you mean by a service is **started** and service is **bound** ?
22. Differentiate View and Viewgroups.
23. Explain TextView control in android.

(5 × 4 = 20 marks)

### Part D

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

24. Explain in detail, the components of android.
25. Explain with syntax the application components Activity and Service.
26. Explain various callback methods in Activity.
27. Explain fragment life-cycle with a diagram.
28. Explain Frame Layout Manager.
29. Explain plural resource with an example.
30. Explain the architecture of content providers.
31. Explain with example to create, insert and delete in SQLite database.

(5 × 8 = 40 marks)

