FIFTH SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2019
(Supplementary/Improvement)
(CUCBCSS-UG)
CC15U BCA5 B08 - ANDROID PROGRAMMING
(Core Course)
(2015 & 2016 Admissions)

Time: Three Hours   Maximum: 80 Marks

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

1. ADT stands for _____

2. _____is an intra and inter process mechanism to invoke components in Android.

3. _____are user interface elements that form the basic building blocks of a user interface.

4. Android uses a concept called _____ for abstracting data into services.

5. _____layout manager organizes its children relative to one another or to the parent.

6. A _____menu can be invoked against any view in response to a UI event.

7. Android _____is modeled similar to the menu/title bar of a web browser.

8. _____ is a UI concept that usually represents a single screen in your application.

9. _____ are like sub-activities.

10. _____ is called Android application descriptor file.

(10 x 1 = 10 Marks)

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

11. What is a view in Android?

12. What is R.java?

13. What is a pending indent?

14. What is a Toast in Android?

15. What is the difference between android: gravity and android: layout gravity?

(5 x 2 = 10 Marks)

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

16. Write a short note on SQLiteOpenHelper class.

17. Explain the types of menus available in Android.

18. What is a fragment? What is a back stack used for?

19. Explain the concept of content providers in Android.

20. What is an action bar and what are the three types of action bars?

21. Write a short note on AndroidManifest file.

22. Explain the concept of SharedPreference in Android.

23. What are explicit intents and implicit intents?

(5 x 4 = 20 Marks)

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

24. Explain the fundamental components of Android.

25. Explain the different types of layout managers in Android.

26. Explain any four resource types in Android.

27. Describe the life cycle of an Android application.

28. Explain any four views in Android.

29. Explain the different ways in which a user interface can be created in Android.

30. Write a short note on:
    a) GridView
    b) ListView
    c) Gallery
    d) Spinner

31. Describe the history of Android.

(5 x 8 = 40 Marks)

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