B.C.A DEGREE END SEMESTER EXAMINATION MARCH/APRIL 2019
SEMESTER – 4: BACHELOR OF COMPUTER APPLICATION (BCA) (CORE COURSE)
COURSE: **16U4CRBCA13: BASIC ANDROID**

(Common for Regular 2017 admission & Improvement / Supplementary 2016 admission)

Time: Three Hours   Max. Marks: 75

PART A
*Answer **all** the questions. Each question carries **1** mark.*

1. Android programs are done using ……………… language
2. ……………… Is used to move from one Activity to another
3. ……………… is used to display message over a short period of time
4. ……………… is used to set data into ListView
5. Shared Preferences stores data as ……………………
6. The default database in Android is called ………………….
7. Gyroscope in android is used to measure ……………………..
8. Location Manager gives output location as ……………………..
9. ………………….. Is used to secure your apps on Google App Store
10. Things that is visible on layout is called a …………………   (1 x 10 = 10)

PART B
*Answer **any Eight** of the following questions. Each question carries **2** marks.*

11. What is an intent?
12. Explaining about the IDE used for android development?
13. Explain the syntax of Toast in android?
14. What is Toggle Button?
15. How is screen orientation handled in android?
16. What is SQLite?
17. How to play an audio from Internal Storage?
18. What is GPS?
19. How do you find your current location in Android?
20. What is Activity testing?   (2 x 8 = 16)

PART C
*Answer **any Five** of the following questions. Each question carries **5** marks.*

21. Explain about Android SDK and Tools used for android development?
22. How is Localization done in Android?

23. How are Resources and Assets managed in Android?

24. How menu is handled using Action Bar in Android?

25. Explain about CRUD operations in SQLite?

26. Explain the working of Bluetooth?

27. Explain Service testing in Android? (5 x 5 = 25)

PART D

*Answer **any Two** of the following questions. Each question carries **12** marks.*

28. Write a program to display data in ListView, explain each step?

29. Explain different types of notifications with necessary code snippets?

30. Explain about the class required for programming using SQLite?

31. Write a program to display your current location in android? (12 x 2 = 24)

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