



23105103

QP CODE: 23105103

Reg No :

Name :

**B.Sc / BCA DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
MARCH 2023
Sixth Semester**

CORE COURSE - CS6CRT15 - MOBILE APPLICATION DEVELOPMENT- ANDROID

Common for B.Sc Information Technology Model III & Bachelor of Computer Applications

2017 Admission Onwards

05EF13D7

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. List any four advantages of Android.
2. What is ADT?
3. What is Dalvik Byte Code?
4. What is a Fragment?
5. Write the syntax of setText() method in TextView. Give an example.
6. Write the use of onCreate() and onPause() methods in Activity life cycle.
7. Which classes are used to play audio and video in Android?
8. Briefly explain the properties to setup the database.
9. What are the classes required for Wi-Fi activity?
10. Write the command to extract query to cursor.
11. What are the values used in JSON?
12. Write short note on JSON object.

(10×2=20)





Part B

Answer any **six** questions.

Each question carries **5** marks.

13. What is Android Run Time? Explain in detail with diagrammatic illustration.
14. Explain Table Layout with Example.
15. Write a detailed note on Progress Bar with syntax and example.
16. What is custom toast alert? How can we implement it state with example?
17. Explain intent filter with an example.
18. Write short note on Service class and its importance.
19. What is the significance of SQLite in Android Programming?
20. How do we extract values from a cursor?
21. Write a short note on the advantages of JSON over XML

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Write notes on a) Android Virtual Device (AVD) b) Android Emulators
23. Explain TextView, Button, ImageButton and EditText with example.
24. Draw and explain Android Multimedia framework architecture and hierarchy inheritance of multimedia.
25. Explain the functionalities of location services with example.

(2×15=30)

