



QP CODE: 25020326



25020326

Reg No : .....

Name : .....

**B.Sc / BCA DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE  
EXAMINATIONS, FEBRUARY 2025**

**Sixth Semester**

**CORE COURSE - CS6CRT15 - MOBILE APPLICATION DEVELOPMENT- ANDROID**

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

2017 Admission Onwards

4D524710

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

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

1. Differentiate activity manager and window manager.
2. What is the role of JDK in Android Application development ?
3. Write a short note on Flow Layout.
4. Write any four properties of List view.
5. What do you mean by Image view?
6. What are the two methods used to start a service?
7. Define Audio Manager in Android.
8. Briefly explain the properties to setup the database.
9. Write the different methods used to manage a transaction.
10. What is the function for creating or connecting database in Android?
11. Define the tag and its attributes used in the layout file to display the maps in Android.
12. What is the function used in JavaScript to parse JSON data?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. What is AVD? Explain various components AVD.





14. Write the differences between JVM and DVM.
15. Explain any five attributes of Checkbox.
16. Demonstrate the use of ArrayAdapter and Spinner control with code.
17. Explain intent filter with an example.
18. Explain Android multimedia framework architecture.
19. Write a note on features of SQLite.
20. Explain sending SMS with an example.
21. How do we retrieve the location address using the location services from android? Explain with an example.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain the features of Android.
23. Explain TextView, Button, ImageButton and EditText with example.
24. Explain lifecycle of activity with suitable diagram.
25. Differentiate and compare between XML & JSON with example.

(2×15=30)

