

(FOR THE CANDIDATES ADMITTED

SUBJECT CODE **23 UCT 619**

DURING THE ACADEMIC YEAR 2023-24 ONLY)

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY– 2026

B.Sc. – COMPUTER TECHNOLOGY

MAXIMUM MARKS: 75

VI SEMESTER

TIME : 3 HOURS

PART – III

MOBILE APPLICATION DEVELOPMENT

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K1)

1. _____ Android version is popularly known as KitKat.
a) Android 4.0 b) Android 4.1 c) Android 4.2 d) Android 4.4
2. Which of the following is used to apply a theme to an Activity?
a) layout.xml b) styles.xml c) colors.xml d) manifest.xml
3. _____ layout arranges its children in rows and columns.
a) TableLayout b) FrameLayout c) RelativeLayout d) ScrollView
4. Which notification is used to display a short message for a brief duration?
a) Dialog b) Toast c) Status Bar d) Alert
5. _____ package contains built-in content providers in Android?
a) android.app b) android.content c) android.provider d) android.view

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. Define Android SDK.
7. Indicate which method is used to start an Activity?
8. Explain the ViewGroup of Android.
9. Illustrate a dialog notification.
10. Indicate Content Provider in Android.

(CONTD 2)

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11. a) Examine the Android APIs in detail.
(OR)
b) Describe how to download and install android.
12. a) Show how an Activity is created and started in Android.
(OR)
b) Describe how Activities are linked using Intents.
13. a) Describe LinearLayout and RelativeLayout in detail.
(OR)
b) Compare and explain the radio button and check box view
14. a) Interpret how to create a Toast notification.
(OR)
b) Sketch the Preferences as a data storage option.
15. a) Describe the android. Provider package.
(OR)
b) Examine the Drawable Animation in Android.

SECTION – C

(5 X 8 = 40 MARKS)

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.
(K4 (Or) K5)**

16. a) Outline and explain the Android Architecture.
(OR)
b) Discuss developing and executing the first android application.
17. a) Outline the life cycle of an activity.
(OR)
b) Evaluate how data and results are passed using Intents.
18. a) Classify ScrollView, TableLayout, and FrameLayout.
(OR)
b) Discuss Options Menu and Context Menu in Android.
19. a) Examine SQLite database in Android.
(OR)
b) Conclude the role of SQLiteOpenHelper class.
20. a) Analyze how to consume a user-defined content provider.
(OR)
b) Determine Property Animation and View Animation in Android.