

**(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2020 ONLY)**

20UBC625

REG.NO. :

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

END-OF-SEMESTER EXAMINATIONS : MAY - 2023

COURSE NAME: B.C.A

MAXIMUM MARKS: 70

SEMESTER: VI

TIME : 3 HOURS

PART - III

MOBILE APPLICATION DEVELOPMENT

SECTION - A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1. What is the full form of APK?
 - a. Android Application Package
 - b. Android Application Project
 - c. Android App Package
 - d. Apple Application Package
2. How can we stop the services in android?
 - a. By using the stopSelf() and stopService() method
 - b. By using the finish() method
 - c. By using system.exit() method
 - d. None of the above
3. What is the screen orientation of any application?
 - a. Landscape
 - b. Portrait
 - c. Edge
 - d. Vec
4. What is the use of content provider in Android?
 - a. For storing the data in the database
 - b. For sharing the data between applications
 - c. For sending the data from an application to another application
 - d. For stopping the data
5. Which permission mode is need to declare AndroidManifest.xml file for sending SMS.
 - a. <uses-permission android:name="android.permission.SEND_SMS"/>
 - b. <uses-permission android:name="android.permission.SEND_SMS"/>
 - c. <uses-permission="android.permission.SEND_SMS"/>
 - d. <uses-permission="SMS"/>

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. Define Android.
7. Interpret Fragments in Android
8. Define Android User Interface
9. What is meant by Picker Views?
10. Define Location Based Services.

SECTION – B

(5 X 4 = 20 MARKS)

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

11. a) List out the required tools for Android Application.
(OR)
b) How to create Android Application? Explain.

(CONTD.....2)

12. a) Examine the procedure to Link activities using Intents.
(OR)
b) How to display notifications in Android? Explain.
13. a) List the components of a screen.
(OR)
b) Describe how to manage changes in screen orientation?
14. a) List the Views to Display Long Lists.
(OR)
b) Interpret to create own Content Provider.
15. a) Describe the basics of SMS Messaging and its syntax.
(OR)
b) Describe how to display maps and get a Location Data.

SECTION - C**(4 X 10 = 40 MARKS)****ANSWER ANY FOUR OUT OF SIX QUESTIONS****(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS
(FROM Qn. No : 17 to 21) (K4 (Or) K5)**

16. Discuss how to create and use databases in Android application?
17. Outline the anatomy of an Android Application.
18. How to call Built-in Applications using Intents? Explain.
19. Analyse the display Orientation activity with suitable example.
20. What is date persistence? Explain persisting data to file.
21. Discuss how to Send E-Mail messages in Android? Explain.

ETHICAL PAPER