

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2021 ONLY)

21UBC625

REG.NO. :

N.G.M.COLLEGE(AUTONOMOUS): POLLACHI
END-OF-SEMESTER EXAMINATIONS: MAY-2024

COURSE NAME : B.C.A
SEMESTER : VI

MAXIMUM MARKS : 70
TIME : 3 HOURS

PART-III

MOBILE APPLICATION DEVELOPMENT

SECTION-A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1. For which of the following Android is mainly developed?
a) Servers b) Desktops c)) Laptops d) Mobile Devices
- 2.. Which of the following android component displays the part of an activity on screen?
a) View b) Manifest c) Intent d) Fragment
3. Button option can be chosen from the palette category_____.
a) textfields b) containers c) widgets d) layouts
4. What is a Content Provider in Android?
a) A storage option for files b) A mechanism to manage app permissions
c) A component for data sharing between apps d) A tool to optimize app content
5. Which element is used to display Google map in your UI?
a) View b) Map c) MapView d) UseMap

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. What is called an Android?
7. Compare the difference between fragment and fragment activity.
8. How to make an Android UI?
9. How to implement DatePicker in Android Studio?
10. What is called SMS message on Android?.

SECTION – B

(5 X4 = 20 MARKS)

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

11. a) Discuss the Android Activity Lifecycle with suitable example.
(OR)
b) Write a Android Program to change the Background of an Activity.
12. a) Describe in brief how to create multiple activities within Android Applications.
(OR)
b) How to Create an Activity using Fragment in Android? Give example program.

(CONTD.....2)

13.a) Discuss the Components of a Screen with an example.

(OR)

b) Examine in detail to display orientations with an example.

14. a) Explain briefly How to adapt Text View in Android with an example

(OR)

b) Write a Android Program to display Image view.

15. a) How to send sms in android? Construct a simple example.

(OR)

b) How to Send an Email from an Android Application? Illustrate with an example.

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. How to Create an Alert Dialog Box in Android?.

17. Examine in detail the Anatomy of an Android Application with an example.

18. Briefly summarise displaying Notification in Android with an example.

19. Identify any Changes to Screen Orientation in Android with an example.

20. Describe the concept Android Content Provider with an example.

21. Explain in detail Location Based Services in Android with example.
