

(FOR THE CANDIDATES ADMITTED

SUBJECT CODE **23 UBC 620**

DURING THE ACADEMIC YEAR 2023-24 ONLY)

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY– 2026

B.C.A.

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 is developed by _____ organization
a) Apple b) Google c) Microsoft d) IBM
2. Which view is used to allow users to select a date in an Android application?
a) TimePicker b) ListView c) GridView d) DatePicker
3. _____ component represents a single screen in Android.
a) Fragment b) Intent c) Activity d) Service
4. Flutter is mainly used for developing _____
a) Desktop apps only b) Web apps only
c) Cross-platform mobile apps d) Database apps
5. Which database is used in Android for local storage?
a) SQLite b) Firebase c) MySQL d) MongoDB

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

6. Which programming language is mainly used for Android app development?
7. Which view is used to display selectable items in a vertical list?
8. Which layout arranges UI components in a single row or column?
9. React JS is mainly based on which concept?
10. Which file format is generated when an Android application is built for release and publishing on Google ?

(CONTD 2)

SECTION – B

(5 x 5 = 25 MARKS)

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

11. a) Why do we need for Android ? Explain.

(OR)

- b) Describe the steps to install and configure Android Studio and SDK.

12. a) Write short notes on TextView and EditText.

(OR)

- b) Describe ListView and GridView.

13. a) What are the fragments in Android?

(OR)

- b) Give short notes on Frame Layout and Table Layout.

14. a) List the advantages and disadvantages of Flutter.

(OR)

- b) What is an event pooling? Illustrate.

15. a) Outline the Necessity of SQLite?

(OR)

- b) Discuss Google Play Store.

SECTION – C

(5 X 8 = 40 MARKS)

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

16. a) Explain tools and software required for Android application development.

(OR)

- b) Discuss Android architecture.

17. a) Explain Radio button, Radio Group and Checkbox.

(OR)

- b) Discuss Image Button and Image view in detail.

18. a) Discuss Activity Life Cycle.

(OR)

- b) Explain the Components of a UI screen.

19. a) Discuss the Architecture of Flutter Applications.

(OR)

- b) Explain the React JS Expression & Attributes.

20. a) Analyse the steps in create and establish the connection of data base?

(OR)

- b) Explain the process of extracting value from Cursors?