



NP – 438

VI Semester B.C.A. Examination, July/August 2024

(NEP Scheme)

COMPUTER SCIENCE

CA 28 : Mobile Application Development

Time : 2½ Hours

Max. Marks : 60

Instruction : Answer any four questions from each Part.

PART – A

I. Answer any four questions. Each question carries two marks. (4×2=8)

- 1) What are fragments ?
- 2) Write XML source code to define edit text in android studio.
- 3) What is the use of defining inflater in android studio ?
- 4) Mention the components of android application.
- 5) Why splash screen is required in android ?
- 6) Define SQLite.

PART – B

II. Answer any four questions. Each question carries five marks. (4×5=20)

- 7) Explain activity life cycle with example.
- 8) Discuss different methods of Google maps in android.
- 9) Write the short note on Toast.
- 10) Write a java code to insert image view in an android studio and explain.
- 11) Differentiate implicit and explicit intents.
- 12) Write CRUD operations of content provider.

P.T.O.



PART – C

III. Answer **any four** questions. **Each** question carries **eight** marks.

(4×8=32)

- 13) Explain the layers of android architecture.
- 14) Mention and explain the each different methods of DatePicker.
- 15) What is menu in android studio ? Explain the steps of creating a menu.
- 16) Define content provider. Discuss the working flow of content provider in android.
- 17) Discuss the methods of SQLite open Helper class in android studio.
- 18) Elaborate different types of layout in android studio.