



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.
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