

R18

Code No: 156BW

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year II Semester Examinations, August - 2022

MOBILE APPLICATION DEVELOPMENT

(Common to CSE, IT)

Time: 3 Hours

Max.Marks:75

**Answer any five questions
All questions carry equal marks**

- 1.a) What is Android Virtual Device? How to create Android Virtual Device? Discuss about Android OS Design.
- b) Explain about installing and running applications on Android Studio. [8+7]
- 2.a) What are Android Application Components? Explain about Application Manifest File.
- b) Explain about android virtual device manager. [8+7]
- 3.a) What is a Layout? Explain different types of Layouts.
- b) Explain about editable and non-editable text views, radio and toggle buttons. [7+8]
- 4.a) What are fragment states? Determine how to add, remove and replace fragments with fragment transactions.
- b) Explain about changes of various UI components. [8+7]
- 5.a) What is an Intent? Explain about Implicit Intents and passing data to Intents.
- b) How to find and use intents received within a activity? [8+7]
- 6.a) Determine how intents are used in Native Android applications to launch Activities and Sub-Activities.
- b) How to create and display notifications? [8+7]
- 7.a) How to restore and clear shared preferences? Explain with example.
- b) What is Persistent Storage? How to create and read data from files? [8+7]
- 8.a) What is SQLite database? How to create, open the database?
- b) Explain about creating, inserting and retrieving data from it. [7+8]

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