

R18

Code No: 156BW

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year II Semester Examinations, February - 2023

MOBILE APPLICATION DEVELOPMENT

(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

Note: i) Question paper consists of Part A, Part B.

ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.

iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

PART - A

(25 Marks)

- 1.a) Define Android Tools. [2]
- b) How Activity Lifecycle will work. [3]
- c) Define Android User Interface. [2]
- d) List UI Components. [3]
- e) What are Broadcast Receivers? [2]
- f) Define Intents and Broadcasts. [3]
- g) How to read data from files? [2]
- h) Define Persistent Storage. [3]
- i) How to retrieve the data from table in SQLite? [2]
- j) How to create table in SQLite database? [3]

PART - B

(50 Marks)

- 2.a) Explain installing and running applications on Android Studio.
 - b) Analyze the types of Android applications. [5+5]
- OR**
- 3.a) Classify the resources for different devices and languages.
 - b) Elaborate Android Application Lifecycle. [5+5]
4. Explain about Linear, Relative, Grid and Table Layouts. [10]
- OR**
5. Explain event handling with some examples. [10]
- 6.a) How to launch activities by using intents? Explain in detail.
 - b) Determine Passing data to Intents. [5+5]
- OR**
7. What do you mean by Android Toasts? How to display Toast in Android? Explain in detail. [10]

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8. Explain Persistent Storage using application specific folders and files. [10]

OR

9. Explain saving and retrieving data using Shared Preference. [10]

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10. How to create SQLite database in Android? Explain with an example. [10]

OR

11. What is content provider? How can use content provider in Android? Illustrate with an example. [10]

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