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]

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

OR

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

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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