GUJARAT TECHNOLOGICAL UNIVERSITY
B.VOC - SEMESTER– IV EXAMINATION – WINTER 2023

Subject Code:21140202   **Date:05-12-2023**

Subject Name:Mobile Application Development-I

Time:02:30 PM TO 04:30 PM   **Total Marks:50**

Instructions:
1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**
4. **Simple and non-programmable scientific calculators are allowed.**

			Marks
Q.1	(a)	Write a note on Android Architecture.	05
	(b)	What is Activity? Explain its life cycle with examples.	05
Q.2	(a)	What is AVD? Explain the process of creating AVD in Android application development.	05
	(b)	List out various layouts available in Android. Explain any two in detail.	05

OR

	(b)	Explain Text View with Android Code.	05
Q.3	(a)	Explain DVM in detail. What is the difference between JVM and DVM?	05
	(b)	Explain Explicit intent with examples.	05

OR

Q.3	(a)	Explain Fragment Lifecycle.	05
	(b)	Explain Implicit intent with examples.	05
Q.4	(a)	How to manage the different screen sizes and orientations.	05
	(b)	Explain Options Menu with Android Code.	05

OR

Q.4	(a)	Explain dialog as an activity.	05
	(b)	Explain Context Menu using suitable examples.	05
Q.5	(a)	Give the overview of different databases of android.	05
	(b)	Write an Android Program to store the input information in SQLite Database.	05

OR

Q.5	(a)	Explain methods of SQLiteOpenHelper class.	05
	(b)	Write an Android Program to fetch the student's information from SQLite Database.	05

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