

GUJARAT TECHNOLOGICAL UNIVERSITY**B.VOC - SEMESTER- IV EXAMINATION – SUMMER 2024****Subject Code: 21140202****Date:17-05-2024****Subject Name: Mobile Application Development-I****Time:10:30 AM TO 12:30 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) Explain Android R.java file.	05
	(b) Difference between JVM and DVM.	05
Q.2	(a) Explain Activity life cycle in detail.	05
	(b) Write a note on Android Architecture.	05
OR		
	(b) Write a note on versions of Android.	05
Q.3	(a) What is the layout in Android? Explain any two in detail.	05
	(b) Explain Edit Text with Android Code.	05
OR		
Q.3	(a) What is a Toast Notification? Explain with an example.	05
	(b) Explain Image Button with Android Code.	05
Q.4	(a) Explain the types of Dialogues in Android.	05
	(b) What are the Device orientation modes available in Android? Explain with suitable examples.	05
OR		
Q.4	(a) Explain the types of Menus in Android.	05
	(b) How to manage the different screen sizes and orientations.	05
Q.5	(a) Give the overview of different databases of android.	05
	(b) Explain methods of SQLiteDatabase class	05
OR		
Q.5	(a) Give the overview of the storage in Android.	05
	(b) Explain methods of SQLiteOpenHelper class.	05
