

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BVOC- SEMESTER- IV EXAMINATION – SUMMER 2023

Subject Code:21140202

Date:26-06-2023

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 features of Smartphone.	05
	(b) Define DVM. What is the difference between JVM and DVM?	05
Q.2	(a) What is Activity? Explain its life cycle.	05
	(b) Draw and explain Android Architecture.	05
OR		
	(b) Discuss building blocks of Android applications.	05
Q.3	(a) List out various layouts available in Android. Explain all in detail.	05
	(b) Draw and explain Fragment Lifecycle.	05
OR		
Q.3	(a) What are UI components? Explain it.	05
	(b) Explain Text View with Android Code.	05
Q.4	(a) Write a note on Menu. Explain types of it.	05
	(b) What are the orientation modes available in Android? Explain with suitable examples.	05
OR		
Q.4	(a) Write a note on dialog as an activity.	05
	(b) Write the code Snippet for sending and receiving SMS via Android App.	05
Q.5	(a) Explain different databases of android.	05
	(b) Differentiate Internal Storage and External Storage.	05
OR		
Q.5	(a) Explain methods of SQLiteOpenHelper class.	05
	(b) What is SQLite database? Explain methods for creating, updating, deleting and querying database records by giving a suitable example.	05
