

GUJARAT TECHNOLOGICAL UNIVERSITY**BVOC – SEMESTER IV– EXAMINATION – WINTER 2021****Subject Code: 1140202****Date: 31/12/2021****Subject Name: Android Application Development****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) Draw and explain architecture of Android.	05
	(b) Write a code to add ProgressDialog in Android App.	05
Q.2	(a) Explain ToggleButton in Android with example.	05
	(b) Create a Simple Grid View android application.	05
OR		
	(b) Write a code to add notification in Android App.	05
Q.3	(a) Explain Fragment Life cycle.	05
	(b) Explain monkey and monkey runner in android.	05
OR		
Q.3	(a) Write code snippet to create options menu.	05
	(b) What is sound pool? Explain with suitable code snippet.	05
Q.4	(a) What is SQLite database? Explain methods for creating, updating, deleting and querying database records by giving a suitable example.	05
	(b) Explain Drawable Animation with suitable example in Android.	05
OR		
Q.4	(a) Write code snippet to store “INDIA” in uni.txt file and also display on the click of OK button from the uni.txt file.	05
	(b) Explain Accelerometers with proper example.	05
Q.5	(a) Write code which demonstrate the use of CallLog provider.	05
	(b) Write Steps for Monetizing and publishing an android Application.	05
OR		
Q.5	(a) Write code to open browser with entered URL by the user.	05
	(b) State the difference between XML and JSON Parsing.	05
