

GUJARAT TECHNOLOGICAL UNIVERSITY**BVOC - SEMESTER-IV EXAMINATION – SUMMER 2022****Subject Code:1140202****Date:04-07-2022****Subject Name:Android Application Development****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) Draw and explain Activity Life Cycle in detail.	05
(b) Explain List View with example.	05
Q.2 (a) List out various layouts available in Android. Explain in detail.	05
(b) What is a Notification? How to add notification in Android App?	05
OR	
(b) Write a code to send e-mail from Android App using the concept of explicit intent.	05
Q.3 (a) Explain Toast notification with suitable example.	05
(b) Explain Progress Bar View with Android Code.	05
OR	
Q.3 (a) Explain Implicit Intent and Explicit Intent with suitable example.	05
(b) Explain Options Menu with Android Code.	05
Q.4 (a) Explain Drawable Animation with suitable example in Android.	05
(b) Write a code snippet to create alert dialog.	05
OR	
Q.4 (a) Explain Context Menu using suitable example.	05
(b) Write an Android Program to store the input information in SQLite Database.	05
Q.5 (a) Describe Service Life Cycle in detail.	05
(b) Write a short note on JSON Parsing.	05
OR	
Q.5 (a) Define Content Provider and Query Provider. Explain in detail.	05
(b) Write code to open browser with entered URL by the user.	05
