Seat No.:	Enrolment No.

Subject Code: 3640015

Subject Name: Android Programming

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER- IV EXAMINATION - SUMMER - 2017

Date:08-06-2017

	ne: 1 tructio	0:30 am - 01:00 pm Total Marks:	70
11150	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	 Give answer as true or false with proper justification. All UI controls are derived from view class. While click on camera buttons onKeyDown event will executes. Toast is a model dialog box mechanism used to display information to user without stealing focus from the active application. Android databases are stored in the /data/data/<package_name>/databases folder on your device (or emulator).</package_name> If the Service requires permissions that your application does not have, the call to startService will throw a SecurityException. If more than one Location Provider matches your Criteria, the one with the lowest accuracy is returned. 	07
	(b)	7. Android applications are distributed as Android package files (.APK). Explain android software stack.	07
Q.2	(a) (b)	 Explain layoutmanager class with all available layouts. Explain chronometer with example. Describe available android application type. OR	07 04 03
	(b)	 What is compound control in android? What is monkey and monkey runner in android? 	04 03
Q.3	(a) (b)	 What is adapter class? Explain native android adapters. Write code snippet to store "GTU" in uni.txt file and also display on the click of OK button from the uni.txt file. What is the importance of android manifest file? 	07 04 03
Q.3	(a) (b)	What is shared preferences? Explain preference controls. 1. Explain Surface view. 2. What is intent? Differentiate between implicit and explicit intent?	07 04 03
Q.4	(a) (b)	 What is the use of actionbar in android? How to create dropdown action bar? 1. List and explain methods for cursor class. 2. List out any six native android actions. OR	07 04 03
Q.4	(a) (b)	Write code snippet to create options menu. What is sound pool? Explain with suitable code snippet.	07 07
Q.5	(a) (b)	 What is the use of notification? Explain notificationmanager class. Write short note on canvas. What is linkify? Explain native linkify link types. OR	07 04 03

(a)	How to work with animations? Explain frame animation with example.	
(b)	1. List and explain types of sensor available in android.	04
	2. How to measured Acceleration in android device?	03
	· ·	. ,
