Seat No.: ____

Enrolment No.____

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. SEMESTER III–EXAMINATION – WINTER 2015			
Subject code: 2735405 Date: 04/12/2015 Subject Name: MOBILE PHONE APPLICATION DEVELOPMENT			
Instructions: 1. Attempt all questions.			
		. I igures to the right indicate full marks.	
Q.1	(a)	Brief about the features of Android OS.	07
	(b)	Enlist native Android Libraries used in Android Architecture.	07
Q.2	(a)	What is an android activity? How is it created?	07
	(b)	Explain Virtual Device and SDK manager.	07
	(b)	OR Describe the role of Debuik Virtual Machine	07
	(b)	Describe the role of Dalvik Virtual Machine.	07
Q.3	(a)	What are View and View Group?	07
	(b)	Crate an android application which pops up AlertDialog with three buttons. OR	07
Q.3	(a)	What are different storage options available in Android? How one can use	07
•		internal storage in Android?	
	(b)	Write in detail about android menus. Give example of OptionMenu and	07
		Submenu.	
Q.4	(a)	Write necessary code to create intent object to invoke built-in browser and open	07
	(b)	india.gov.in	07
	(b)	Describe Relative Layout, Frame Layout and Grid layout in Android. OR	07
Q.4	(a)	What is SQL database? How to provide the database connection using SQLite	07
		database?	
	(b)	Explain the flow of obtaining user location in Android.	07
Q.5	(a)	What is the android thread and android service? Also explain the difference	07
		between them.	
	(b)	Explain Android development setup for embedded devices. OR	07
Q.5	(a)	How power management is achieved in Android? Also discuss how power	07
~		management in Android differs from power management in Linux kernel.	
	(b)	Write a note on Android Debug Bridge.	07
