Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE – SEMESTER– VIII • EXAMINATION – SUMMER 2015

Subject Name: Android Programming		Code:180708 Date: 05/05/20	Date: 05/05/2015 Total Marks: 70	
		30am to 1:00pm Total Marks: 70		
	1. 2. 3.	Make suitable assumptions wherever necessary.		
Q.1	(a)	What is SQLite database? How to provide the database connection using SQLite database.	07	
	(b)	What is Dalvik Virtual Machine? Explain.	07	
Q.2	(a) (b)	How to adding, updating and deleting content in android application. Explain GUI Architecture of android.	07 07	
		OR	۰.	
	(b)	Define method. What is difference between an instance method and class method.	07	
Q.3	(a) (b)	Explain android architecture with example. Define constant interface. Why constant interfaces used? OR	07 07	
Q.3	(a) (b)	Explain types of application and create any small application in android. What is virtual device and SDK manager? Explain.	07 07	
Q.4	(a) (b)	What is Emulator? Explain in brief. What is view? Create a simple Grid View application. OR	07 07	
Q.4	(a) (b)	What is manifest? Write application of manifest. What is view? Create simple Web View application.	07 07	
Q.5	(a) (b)	Difference between DOM, SAX and JSON Parsing. Explain activity lifecycle od android application. OR	07 07	
Q.5	(a) (b	Create layouts of android widgets toolbox. What is XML parsing? Explain.	07 07	
