

GUJARAT TECHNOLOGICAL UNIVERSITY
BE – SEMESTER–VIII • EXAMINATION – SUMMER • 2014

Subject Code: 180708**Date: 27-05-2014****Subject Name: Android Programming****Time: 10:30 am - 01:00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) What is the difference between Inheritance and polymorphism ? explain with example. **07**
(b) Explain Android Architecture with example. **07**
- Q.2** (a) What is Framework? Explain Android framework with figure. **07**
(b) What is Dalvik Virtual Machine ? explain. **07**
- OR**
- (b) Explain activity lifecycle of Android application. **07**
- Q.3** (a) How to adding , updating and deleting content in android application **07**
(b) Explain GUI Architecture of android . **07**
- OR**
- Q.3** (a) What is virtual device and SDK manager ? Explain **07**
(b) Explain types of android application. And create any small application in android ? **07**
explain.
- Q.4** (a) What is Parsing ? explain XML parsing and JSON parsing with example. **07**
(b) What is SQLite database? How to provide the database connection using SQLite **07**
database.
- OR**
- Q.4** (a) What is view ? explain Web views and gridview with example. **07**
(b) What is web services ? how it integrates and implements in industrial projects ? **07**
- Q.5** (a) How to create menus in android ? explain with example **07**
(b) Create a Simple Web View android application. **07**
- OR**
- Q.5** (a) Explain Layouts and Android Widget Toolbox. **07**
(b) Create a Simple Grid View android application. **07**
