

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VIII EXAMINATION – WINTER 2015

Subject Code: 180708**Date:12/12/2015****Subject Name: Android Programming****Time: 2:30pm to 5:00pm****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 Software Development Life Cycle? Explain it with android Application Scenario. 07
- (b) 1. Can standard Java byte code run on Android? Justify your Answer. 02
 2. What is the use Manifest File in android Application? Give Example of Manifest File 05
- Q.2** (a) What is DVM? Explain it. How it is differ from JVM? 07
 (b) Explain Different Layouts available in Android. Explain with Example. 07
- OR
- (b) What are the main components/building blocks of Android? 07
- Q.3** (a) What is pending intent, What Is Intent Filters And Broadcast Receivers? 07
 (b) What is web services? How it integrates and implements in industrial projects? 07
- OR
- Q.3** (a) What is service in Android Application? How to create services, Executing a Service and Controlling It's Restart Behavior in Android. 07
 (b) What is Fragments and how we can create Fragment in Android Application? 07
- Q.4** (a) What are the different way to store Data in Android? Explain it with Example. 07
 (b) What are the type of animation offered by android? When to use each type of animation and how? 07
- OR
- Q.4** (a) Explain with code Adding, Updating, and Removing Rows and extracting values from cursor. 07
 (b) Explain Android Framework with Figure. 07
- Q.5** (a) How to launch Activity and Sub activity using Intent Explain it with suitable example 07
 (b) Create an application that will pass one number to the next screen, and on the next screen that number of items should be display in the list view.(write java code) 07
- OR
- Q.5** (a) Explain Android activity lifecycle. 07
 (b) Create an application that will display toast (Message) on specific interval of time. .(write java code) 07
