

GUJARAT TECHNOLOGICAL UNIVERSITY
BE / ME / MBA / MCA - SEMESTER- • EXAMINATION – WINTER 2017

Subject Code:180708**Date: 04/05/2018****Subject Name: Android Programming****Time:10:30 to 01:00****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) Explain Software Development Life Cycle. **07**
 (b) Show the use of Inheritance in Android Application with example. **07**
- Q.2** (a) Create an application having TextView, EditText and Button. **07**
 When use click on Button, content in EditText should be displayed in
 TextView.
 (b) Explain Android Architecture. **07**
- OR**
- (b) Show three uses of ADB. **07**
- Q.3** (a) Explain Android Activity life cycle. **07**
 (b) List atleast 4 layouts and explain any one with example. **07**
- OR**
- Q.3** (a) Explain Android Service life cycle. **07**
 (b) Demonstrate use of ArrayAdapter and Spinner control with code. **07**
- Q.4** (a) Create a simple registration form using EditText, Radio Button, and store the
 user value in Sqlite. **07**
 (b) Apply Button click using three approaches. **07**
- OR**
- Q.4** (a) Create a simple registration form using EditText, Radio Button, and store the
 user value in SharedPreferences. **07**
 (b) Demonstrate use of ToggleButton class with example. Play Music on toggle on
 and music off on toggle off. **07**
- Q.5** (a) Show use of at least three tag from AndroidManifest.xml file. **07**
 (b) What is Implicit and Explicity intent. Apply both in one application. (Code is
 must). **07**
- OR**
- Q.5** (a) Write a code to store one line in file which resides in sdcard. **07**
 (b) Explain Log class with example. **07**
