

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER- V EXAMINATION – SUMMER 2016

Subject Code: 2650003

Date: 09/05/ 2016

Subject Name: Mobile Computing (MC)

Time: 10.30 am To 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)** How logging support can be added to the android application? Discuss the various methods for it. **07**
- (b)** (i) Differentiate: **04**
1. AutoCompleteTextView and MultiAutoCompleteTextView
 2. Style and Theme
- (ii) Write a block of code that shows how to send the SMS. **03**
- Q.2 (a)** Discuss the steps for guaranteeing successful publication and deployment of android application. **07**
- (b)** What is WebView? Explain using code how WebView control can be used to load content from a specific website or render raw HTML. **07**
- OR**
- (b)** Explain with code how to create, write and read the data from the file. **07**
- Q.3 (a)** Discuss the structure and importance of AndroidManifest.xml file. **07**
- (b)** Differentiate between two different kinds of Menu available in the Android. Also explain with example how to set or invoke them within the application. **07**
- OR**
- Q.3 (a)** Explain various lifecycle methods of Android Activity with proper diagram. **07**
- (b)** What is Layout? Explain TableLayout with its attributes. **07**
- Q.4 (a)** Discuss the uses of different Android Development Tools. **07**
- (b)** What is Content Provider? List out the useful built-in Content Providers and explain any one of them in detail. **07**
- OR**
- Q.4 (a)** Explain Android software stack in detail. **07**
- (b)** What is Preferences? Discuss using example how to work with the Preferences. **07**
- Q.5 (a)** List out and explain in brief various application component of the Android. **07**
- (b)** What is the use of Dialog? Discuss various kinds of dialogs supported by Android. **07**
- OR**
- Q.5 (a)** What is Android Resource? Explain using example how to define and work with String, Color and Boolean resource. **07**
- (b)** Explain the use of Spinner Control with example. **07**
