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**

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