Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY MCA - SEMESTER-V • EXAMINATION – SUMMER - 2017

Subject Code:650003 Date:03/06/2017

Subject Name: MOBILE COMPUTING

Time:02.30 PM TO 05.00 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) (b)	Explain Lifecycle of an Android Activity. Explain android platform architecture with diagram.	07 07
Q.2	(a) (b)	Explain AutoCompleteTextView with suitable example. What is Intent? How Activity Transitions can be managed with Intents? OR	07 07
	(b)	List the data driven containers. Explain how list can be populated with suitable example.	07
Q.3	(a)	List different types of Dialog supported by android. Explain any two with suitable example.	07
	(b)	Explain how to apply style and theme to user interface. OR	07
Q.3	(a)	What is Layout? List out all the layouts used in android. Explain any one with suitable example.	07
	(b)	What is Menu? Which types of menus are supported by android? Explain options menu with suitable example.	07
Q.4	(a)	What is Content Provider? List Out Built-In Content Providers and explain any one of them.	07
	(b)	What is WebView? How can we load content into WebView? OR	07
Q.4	(a) (b)	How to create own content provider? Explain it with example. What is SQLite Database? Explain methods for inserting, updating, and deleting database records using android.	07 07
Q.5	(a) (b)	Explain sending and Receiving SMS programmatically with example. Explain different types of animation with suitable example OR	07 07
Q.5	(a)	How is Handler class used for Background thread processing?	07
•	(b)	Describe Telephony API and classes used for the same.	07
