

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) Explain Lifecycle of an Android Activity. **07**
(b) Explain android platform architecture with diagram. **07**
- Q.2** (a) Explain AutoCompleteTextView with suitable example. **07**
(b) What is Intent? How Activity Transitions can be managed with Intents? **07**
- OR**
- (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. **07**
- OR**
- 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? **07**
- OR**
- Q.4** (a) How to create own content provider? Explain it with example. **07**
(b) What is SQLite Database? Explain methods for inserting, updating, and deleting database records using android. **07**
- Q.5** (a) Explain sending and Receiving SMS programmatically with example. **07**
(b) Explain different types of animation with suitable example **07**
- OR**
- Q.5** (a) How is Handler class used for Background thread processing? **07**
(b) Describe Telephony API and classes used for the same. **07**
