

Enrollment No:-_____

Exam Seat No:-_____

C.U.SHAH UNIVERSITY

Summer-2015

Subject Code:5CS03MCP1

Subject Name:Mobile Computing

Course Name:M.Sc.(IT)

Date :5/4/2015

Semester:3

Marks: 70

Time:02:30To05:30

Instructions:

- 1) Attempt all Questions of both sections in same answer book/Supplementary.
- 2) Use of Programmable calculator & any other electronic instrument prohibited.
- 3) Instructions written on main answer book are strictly to be obeyed.
- 4) Draw neat diagrams & figures (if necessary) at right places.
- 5) Assume suitable & perfect data if needed.

SECTION – I

Q. 1 Answer the below questions in one or two lines.

- [a] Write the code to include TextView control programmatically. **03**
- [b] What are objectives of forming of OHA? **02**
- [c] What is Intent? **02**

- Q. 2** [a] Android is hailed as “the first complete, open, and free mobile platform”. Explain. **04**
- [b] Explain how to defining and using Frame-by-Frame Animation Resources. **05**
- [c] Write code to display AlertDialog with two buttons. **05**

OR

- Q. 2** [a] Write the steps to create an emulator. **04**
- [b] List the different types of Layout supports by Android 2.2. Explain how a layout can be added programmatically? **05**
- [c] How string array resources can be declared? Explain how the same resources can be accessing in java code? **05**
- Q. 3** [a] Explain lifecycle of an Android Activity with diagram. **07**
- [b] What are the application preferences? How we can create private and shared preferences? **07**

OR



- Q. 3** [a] Write note on transitioning between activities with intents. **07**
[b] What is content provider? Write note on implementing important content provider methods. **07**

SECTION – II

- Q. 4** Answer the below questions in one or two lines.
[a] Write the layout code to manage toggle button. **03**
[b] Give the example of constraining user input with Input Filters. **02**
[c] Write the code to invoke default browser with web address. **02**
- Q. 5** [a] Differentiate between .query() and .managedQuery(). **05**
[b] Explain important attributes to displaying rating data with RatingBar. **05**
[c] Write note on giving users input choices using spinner controls. **04**

OR

- Q. 5** [a] Write the code to creating and configuring SQLite database, tables using properties. **05**
[b] What is needed by the application to dial a number? **05**
[c] Explain <uses-sdk> tag? Differentiate between minSdkVersion, targetSdkVersion and maxSdkVersion attributes. **04**
- Q. 6** [a] What is cursor adapter? How data can be bind to the AdapterView? **07**
[b] Explain the important attributes of AutoCompleteTextView. Show how to provide an AutoCompleteTextView for the user that can be allow to type any of the color name from array resources in code. **07**

OR

- Q. 6** [a] What is role of Android Manifest xml file? Discuss the important configuration in detail which are used to managing Android Application's identity. **07**
[b] What is menu? Explain how menu resources can be created and accessing in dynamically? **07**

