

# C.U.SHAH UNIVERSITY

## Summer Examination-2018

Subject Name : Mobile Computing (MC)

Subject Code : 5CS04MMC1

Branch: MCA

Semester : 4

Date : 01/05/2018

Time : 10:30 To 01:30

Marks : 70

### Instructions:

- (1) Use of Programmable calculator and any other electronic instrument is prohibited.
  - (2) Instructions written on main answer book are strictly to be obeyed.
  - (3) Draw neat diagrams and figures (if necessary) at right places.
  - (4) Assume suitable data if needed.
- 

### SECTION – I

Q-1 Attempt the Following questions : (07)

- a. Write the Full Form of OHA. 1
- b. What is the purpose of Log.w()? 1
- c. What is the use of android:id attribute? 1
- d. Enlist the steps of Activity life cycle. 1
- e. What is the purpose of button widget? 1
- f. What is dialog? 1
- g. What is web view control? 1

Q-2 Attempt all questions (14)

- (A) Explain rating bar and image view widget with appropriate attributes and methods. 7
- (B) Create an android application to insert an employee record in SQLite database. (Table fields are eno, ename, city, gender) 7

OR

Q-2 Attempt all questions (14)

- (A) Write a brief note on Emulator. 4
- (B) Explain ListView in detail. 10

Q-3 Attempt all questions (14)

- (A) How to create and apply style to android application? Explain. 4
- (B) How to add menus to application with example? Describe. 10

OR

- Q-3 (A) Explain linear layout with attributes. 4
- (B) Explain RadioGroup & RadioButton with attributes. 10



## SECTION – II

**Q-4 Attempt the Following questions : (07)**

- a. Define term : Explicit intent 1
- b. What is Activity? 1
- c. Give the full form of ADB. 1
- d. Give the full form of GPS. 1
- e. Which class is used to create notification? 1
- f. What is Style? 1
- g. What is Dialog? 1

**Q-5 Attempt all questions (14)**

- (A) Explain Android architecture with diagram. 10
- (B) Explain AndroidManifest.xml file with following tags 4
  - a. <manifest>
  - b. <uses-sdk>
  - c. <application>
  - d. <activity>

**OR**

- Q-5 (A) What is WebView control? How to load specific website into WebView? Explain with simple example. 7
- (B) What is Animation? Explain the differences between Tweened & Frame by-Frame Animation 7

**Q-6 Attempt all questions (14)**

- (A) Write a technical note on Canvas and Paints. 7
- (B) What is SQLite? Explain SQLiteOpenHelper class in detail. 7

**OR**

**Q-6 Attempt all Questions**

- (A) Create an android application to store a message entered by user in the file named "MyMessage.txt". Read the stored message from "MyMessage.txt" file and print it on TextView control. 6
- (B) What are the resources? Explain any six different types of resources. 8

