

Enrollment No: _____ Exam Seat No.: _____

C.U.SHAH UNIVERSITY

Summer Examination - 2019

Subject Name: Mobile Computing (MC)

Subject Code: 5CS04MMC1

Branch: M.C.A.

Semester: 4

Date: 22/04/2019

Time: 02:30 To 05:30

Marks: 70

Instructions:

- (1) Use of Programmable calculator & 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.
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SECTION-1

Que-1 Attempt all the following short questions. [7]

1. Define emulator.
2. Give full form of ADB.
3. Which layer of android architecture contains all drivers of hardware?
4. Which tag is used to create dimension resource in xml file?
5. Which class is used to issue a notification?
6. What is OHA?
7. Explain openFileOutput() with syntax..

Que-2 Attempt all questions. [14]

1. Draw diagram of activity life cycle. Explain onCreate(), onResume(), onStop() and onDestroy() with syntax. [7]
2. What is AndroidManifest.xml file? Explain any five elements of it with attributes. [7]

OR

Que-2 Attempt all questions. [14]

1. Explain SDK manager and DDMS in detail. [5]
2. What is intent? Explain implicit intent with example. [5]
3. Discuss string and style resources with example. [4]

Que-3 Attempt all questions. [14]

1. What is the use of Spinner? Explain any four attributes of it. [5]
2. Explain EditText control with following attributes. [5]
 - a. android:inputType
 - b. android:autoText
 - c. android:editable
 - d. android:textSize



3. Explain TimePicker in detail.

[4]

OR

Que-3 Attempt all questions.

[14]

1. Discuss ListView in detail. [5]
2. Write a note on AutoCompleteTextView with attributes and example. [5]
3. Explain DatePicker in brief. [4]

SECTION-2

Que-4 Attempt all the following short questions.

[7]

1. Which is the default database for Android?
2. Define context.
3. Explain android:numColumns attribute of GridView.
4. Give the full form of AAPT.
5. Define DVM.
6. What is service?
7. What is the use content provider?

Que-5 Attempt all questions.

[14]

1. Discuss Canvas class with its methods. [5]
2. Explain LinearGradient and RadialGradient with example. [5]
3. Explain WebView in brief. [4]

OR

Que-5 Attempt all questions.

[14]

1. What is dialog? Explain AlertDialog with example. [7]
2. Write a note on Android architecture with diagram. [7]

Que-6 Attempt all questions.

[14]

1. What is notification? Explain how to create, initialize and issue it in detail. [7]
2. Discuss RelativeLayout and TableLayout with attributes. [7]

OR

Que-6 Attempt all questions.

[14]

1. Explain SQLiteDatabase class with its methods. [5]
2. What is Cursor? Explain any five Cursor class methods. [5]
3. Discuss AnimationDrawable class with its methods. [4]

