Enrollment No: _____   Exam Seat No:_____

C.U.SHAH UNIVERSITY
Summer Examination-2019

Subject Name : Mobile Application Development using Android
Subject Code : 5CS03WAN1   **Branch: M.Sc.IT (WebTech)**
Semester : 3   Date:13/03/2019   Time: 02:30 To 5:30   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.

Section - I

Q.-1   Attempt following.   **7**

  a) Define Activity.
  b) What is DVM?
  c) Give full form of ADB
  d) Define SQLite
  e) List elements of android manifest.xml.
  f) Define Service.
  g) List types of intent.

Q.-2   Attempt following.   **14**
  a) Explain features of android.   7
  b) Explain android service life cycle with diagram.   7

OR

Q.-2   Attempt following.
  a) Define notification. How to create, define and issue notification.   7
  b) Write down steps to publish android app.   7

Q.-3   Attempt following.   **14**
  a) Write a note on Activity life cycle with diagram.   7
  b) What is EditText? Explain any five attributes of it.   7

OR

Q.-3   Attempt following.
  a) Explain TextView with its any five attributes.   7
  b) Write a note on anatomy of android architecture.   7

Q.-4   Attempt following.   7

    a) Define AVD.
    b) Which class is used to create notification?
    c) What is DDMS?
    d) What is use of android:id attribute?
    e) What is use of ToggleButton?
    f) List types of service.
    g) Give Full form of API.

Q.-5   Attempt following.   14

    a) Describe process to read data from internal storage.   5
    b) Write a note on: Location base service.   5
    c) Explain SQLiteOpenHelper class in detail.   4

OR

Q.-5   Attempt following.

    a) Write a note on : Android telephony API.   5
    b) Explain RelativeLayout and TableLayout   5
    c) Define GPS. Explain mapping of Location.   4

Q.-6   Attempt following.   14

    a) Write a note on network API.   5
    b) Explain notification using vibrating a phone.   5
    c) Explain RadioButton with its attributes.   4

OR

Q.-6   Attempt following.

    a) Create an android application to check whether entered no. is Even or Odd.   7

    b) Create an android application to create simple notification with icon, title and message when button is clicked.   7