[A-6]

## SARDAR PATEL UNIVERSITY
## M.Sc.IT (Integrated)Examination, 9th Semester
## Tuesday, 25th October, 2016.
### Time: 10:00 A.M to 01:00 P.M
### Subject Code: PS09CIIT04/ Paper No: 04
### Subject: Application Development using Android Platform - II

Total Weightage/Marks: 70

[08]

Q.1   Multiple Choice Questions.

1.  What happens when a button is present in the source code but its XML is not defined?

    A.  App will crash/not compile.      B.  A message will displayed.

    C.  Nothing will happen.             D.  Button would appear in the UI.

2.  _____control can load a specific website or render raw ____content.

    A.  ScreenView, CSS                  B.  UriView, HTML

    C.  WebView, HTML                    D.  None of these

3.  How to get current location in android?

    A.  Using with GPRS                  B.  Using location provider

    C.  A & B                            D.  Using compass

4.  Which of the following tag is required to register a content provider

    A.  <provider>                       B.  <contentprovider>

    C.  <content_provider>               D.  <content-provider>

5.  Which of the following is NOT a state in the lifecycle of a service?

    A.  Starting                         B.  Destroyed

    C.  Paused                           D.  Running

6.  Which of the following can be used to bind data from an SQL database to a ListView in an Android application?

    A.  SimpleCursor                     B.  SQLiteCursor

    C.  SimpleAdapter                    D.  SimpleCursorAdapter

7.  What is the library of Map View in android?

    A.  com.map                          B.  com.goggle.gogglemaps

    C.  com.goggle.android.maps          D.  in.maps

8.  Why don't we give MIN SDK as 1 in android?

    A.  Android doesn't allow min version 1      B.  Android deprecated version

    C.  There is no value for 1          D.  SDK 1 Does not work

Q.2    Answer the following questions in short. (Any 07)                    [14]
       1)  Full form of URI, DDMS, GPS and GSM.
       2)  Explain Paint Gradients and Linear Gradients.
       3)  List any six shared preferences methods.
       4)  How we can load content in WebView Control.
       5)  Explain code to use sensor manager services.
       6)  Write a code to define tweened animations.
       7)  Explain Accelerometer Sensor along all three axes. (With Figure)
       8)  Write steps to create key for android map.
       9)  Briefly explain steps how to access data which is stored in database with
           SQLite.

Q.3(A)  Write a short note on Life Cycle of Fragment.                        [06]
   (B)  Write a short note on Shapes in Android.                             [06]

                                    OR

   (B)  Explain Animation and Its Types with figure.                        [06]

Q.4(A)  What is WebView control? Explain with designing and loading of a    [06]
        WebView Control

   (B)  Explain how to Control camera for taking pictures with its parameter?  [06]

                                    OR

   (B)  Explain Sensors supported by Android with its values.               [06]

Q.5(A)  List Data Types supported by Preference and explain Creation of Private  [06]
        and Shared Preferences with its methods.

   (B)  Explain how to use SQLite database with Insert and Update code.      [06]

                                    OR

   (B)  How to Create table with SQLite? Explain working of Cursor and Delete with  [06]
        Code.

Q.6(A)  How to send SMS in android? Explain with example.                   [06]

   (B)  Explain how to use GPS feature in Application and write steps to find your  [06]
        location.

                                    OR

   (B)  Explain Working of Directories and Files on the Android File System  [06]

                                  *****

                                   ②