**Unit VI**

**2 Marks :**

Discuss Developer console with its purpose.

Explain zoom control (IN / OUT) with the help of an example

Describe types of permissions used while developing android applications.

Write steps to get API.

State different permissions to set in Manifest for internet and location

State different permissions to set in Manifest for receiving location update

Explain concept of geocoding and reverse geocoding.

List out Google map API methods to customize google map.

Explain setMapType method .

Explain AddMarker method with suitable example.

Explain protection levels.

**4 Marks :**

**Explain SmsManager API to send SMS.**

Develop an application to send SMS. (Write ONLY .java and permission tag in manifest file)

Develop a program to send an email

Write a program to locate user’s current location. (Write ONLY .java and manifest file)

Name any 4 methods to get location data in android.

Explain methods to get current user location and to add marker.

**Explain Steps to get location in Android.**

**Write a program for Geo code..**

**Explain android security model**