**Introduction to Open Source GIS and Web Mapping**

**Web Mapping Quiz**

 NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

There are a total of 4 true/false questions, 6 multiple choice questions and 1 short answer question. The total number of points for the quiz is 20.

**TRUE / FALSE (1pt each)**

Choose either True or False by circling your choice for each statement.

1. True or False: Google Maps is Open Source
2. True or False: It is possible to make a web mapping application with only data services and no spatial data on the server.
3. True or False: You need to know how to program to use MapServer.
4. True or False: MapServer can project-on-the-fly.

**MULTIPLE CHOICE (2pts each)**

Circle the correct answer for each.

1. Which of the following is not a web mapping server side “back end” application:
	1. MapServer
	2. MapFish
	3. GeoServer
	4. MapGuide
2. Which of the following is not a web mapping “front end” or client interface:
	1. Ka-Map
	2. Cartoweb
	3. MapServer
	4. OpenLayers
3. To make a basic FOSS web mapping application using MapServer you need:
	1. Data/Data service
	2. Apache or other webserver
	3. Mapfile
	4. All of the above
4. The spatial data for a Cartoweb application resides in which directory:
	1. C:\MS4W\apps\cartoweb3\projects\my\_project\server\_conf\my\_project\data
	2. C:\MS4W\apps\cartoweb3\projects\
	3. C:\MS4W\Apache\
	4. None of these
5. A MapServer mapfile is analogous to:
	1. a shapefile
	2. a Cartoweb template
	3. an ArcGIS mxd file
	4. an html file
6. When you embed a Google Map in your own web page, and add your own data to it, you’re creating a:
	1. a GoogleMap
	2. a Google Mashup
	3. a MyPlaces map
	4. a GoogleEarth map

**SHORT ANSWER (4pts)**

Describe the client/server relationship in a web mapping application