

Feedback — Module 1 Concepts problem set

Help

You submitted this quiz on **Sun 28 Sep 2014 10:31 AM PDT**. You got a score of **5.00** out of **6.00**.

Please read the following article : “Geospatial Information and Geographic Information System (GIS): An Overview for Congress” (link: <http://www-users.cs.umn.edu/~shekhar/tli/overview.pdf>). Then answer the following questions.

Question 1

Which one of the following statements is false about “Geospatial data”?

Your Answer	Score	Explanation
<input type="radio"/> Remote sensing data is a kind of geospatial data		
<input checked="" type="radio"/> HTML file is a kind of geospatial data	✓ 1.00	
<input type="radio"/> Geospatial data is information that identifies the geographic location and characteristics of natural and constructed features and boundaries on Earth.		
<input type="radio"/> Geospatial data can be acquired using a variety of methods, for example, land surveyors, census takers, aerial photographers can collect geospatial data.		
Total	1.00 / 1.00	

Question 2

Which one of the following statements is false about “Global Positioning System (GPS)”?

Your Answer	Score	Explanation
<input type="radio"/> GPS receivers are able to determine their location, speed and directions		
<input type="radio"/> GPS is supported by a constellation of a few dozen satellites		
<input checked="" type="radio"/> GPS is owned and maintained by a commercial company	✓ 1.00	
<input type="radio"/> GPS is a navigation system		
Total	1.00 / 1.00	

Question 3

Which one of the following statements is false about “Geocoding”?

Your Answer	Score	Explanation
<input checked="" type="radio"/> Geocoding is able to convert zip codes to the corresponding geographic area	✗ 0.00	
<input type="radio"/> Geocoding assigns geographically referenced data (e.g. place name) to alphanumeric codes or coordinates (e.g. latitude, longitude)		
<input type="radio"/> Geocoding is able to convert an address to the corresponding longitude, latitude coordinates		
<input type="radio"/> Geocoding assigns coordinates (e.g. latitude, longitude) to geographically referenced data (e.g. street address, landmark name)		
Total	0.00 / 1.00	

Question 4

Which one of the following statements is false about “Geographic information system (GIS)”?

Your Answer	Score	Explanation
<input type="radio"/> GIS is a digital database in which information is stored by its spatial coordinate system		
<input type="radio"/> GIS is increasingly used by government and policy makers in many areas like conducting census, congressional redistricting, etc...		
<input checked="" type="radio"/> GIS cannot be used to model indoor space	✓ 1.00	

☐ GIS allows for data input, storage, retrieval, management, transformation and other activities

Total	1.00 /
	1.00

Question 5

Which one of the following statements is false about "Polygon"?

Your Answer	Score	Explanation
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☒ Cylinder is a polygon

✓ 1.00

☐ Polygon is a feature in GIS used to represent areas

☐ A polygon on a map is a closed shape representing an area defined by a connected sequence of coordinates

☐ A polygon is defined by the lines that make up its boundary

Total	1.00 /
	1.00

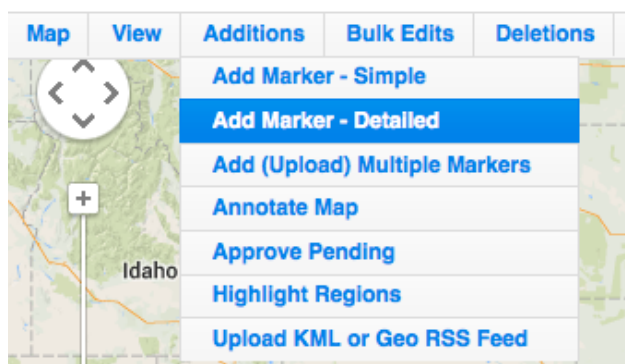
Question 6

Follow the instructions below and then **answer the question at the bottom of this page**:

1. Open the map by this URL: <http://bit.ly/1DfwoC>
2. Click on Additions tab and then click on Add Marker-Detailed

ZeeMaps
We map your lists

From GPS
Add your home



3. Under the Location tab, enter the information. You can avoid putting the exact address in the address field. Just enter the City, Postal Code and select the country and states.

Add Entry ×

Location Details Media Help

Entry Name* [Search](#)

Address

City Postal Code

Country State

We will try to determine the location from the above information. Alternatively, you can [Map Select a location](#)

OR, specify a Latitude, Longitude: ,

Marker

[Preview](#) [Submit](#) [Reset](#) [Close](#)

You can also just enter the GPS coordinates.

Add Entry ✕

Location Details Media Help

Entry Name* [Search](#)

Address

City Postal Code

Country State

We will try to determine the location from the above information. Alternatively, you can [Map Select a location](#)

OR, specify a Latitude, Longitude: ,

Marker

[Preview](#) [Submit](#) [Reset](#) [Close](#)

4. Click on Preview to check whether your marker is at the correct location.

[Select a location](#)

OR, specify a Latitude, Longitude: ,

Marker

[Preview](#) [Submit](#) [Reset](#) [Close](#)

5. Click on Submit. You will see a pending Approval Dialog Box. Click on OK.

Pending Approval

Your entry has been recorded and will show once approved by the map Admin. For additional information, contact the map Admin directly.

OK

Your entry is then submitted. It will be verified by the administrator and if approved can be viewed on the map.

Have you followed the instruction and finished submitting a marker?

Your Answer	Score	Explanation
<input checked="" type="radio"/> Yes	✓ 1.00	
<input type="radio"/> No		
Total	1.00 / 1.00	

