



# Final Exam

Student Name	ID

Question No.	Given Mark	Max. Mark
<b>Total</b>		

**F  
i  
n  
a  
l  
E  
x  
a  
m**







**Question 02: (20 points)**

**A) Multiple- choice questions: Choose the correct answer:**

**1. Which of the following is true?**

- ( ) The Georeferencing is defining how Raster data are situated in real word
- ( ) The Georeferencing is defining how TIN Model are situated in real word
- ( ) The Georeferencing is defining how DEM(Digital Elevation Model) are situated in real

**2. In a TIN model, the world is represented as a network of:**

- ( ) linked Circles.
- ( ) linked triangles.
- ( ) linked squares.

**3. The smaller the cell size for the raster layer:**

- ( ) the lower the resolution and the more detailed the map.
- ( ) the lower the resolution and without the detailed the map.
- ( ) the higher the resolution and the more detailed the map.

**4. By Geocoding, You can plot:**

- ( ) Points by geolocating tables of addresses on an existing street network
- ( ) Polylines by geolocating tables of addresses on an existing street network
- ( ) Polygons by geolocating tables of addresses on an existing street network

**5. Which of the following are characteristics of data quality?**

- ( ) Logical consistency.
- ( ) Classification, and the identification of relationships.
- ( ) The size-shape ratio of irregular polygons.





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**Question 04: (20 points)**

**A) What is a Topology?**

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**B) What are the topological relationships?**

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**C) What are Advantages and uses of topology?**

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**D) Complete the following table:**

Arc	Left polygon	Right polygon
A		
B		
C		
D		
E		
F		





**B) Explain is the difference between the Information and Data. Give one example?**

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**C) What is the Map layout consists of?**

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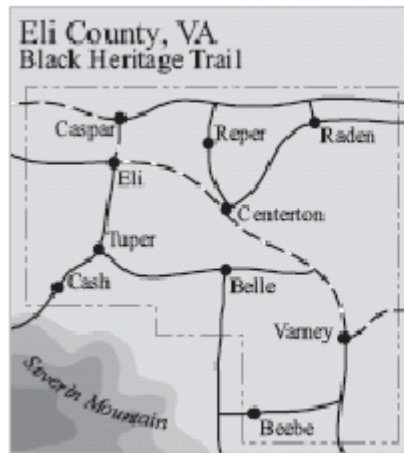
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**D) In the Figure below, which the Map is good? Why?**

**D.1 Maps**



*A*



*B*

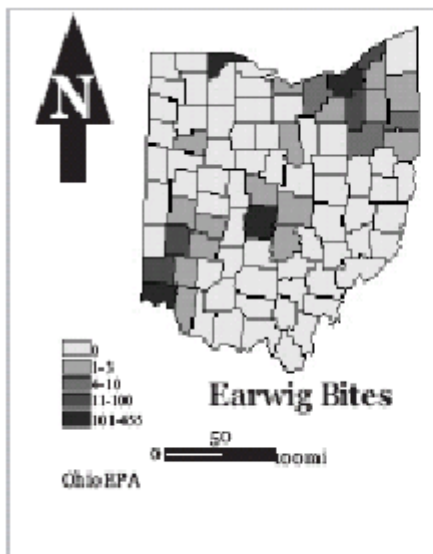
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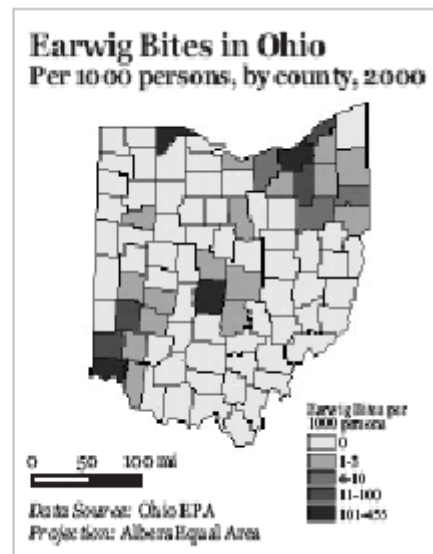
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**D.2 Maps**



*A*



*B*

