Unit 2 - Week 1

Course outline

How does an NPTEL online course work?

Week 1

- Lecture 1 : What is Geographic Information Systems?
- Lecture 2: Different components of GIS
- Lecture 3: Different types of vector data
- Lecture 4: Raster data models
- Lecture 5: TIN data model
- Quiz : Assignment 1
- Assignment Answers

Week 2

Week 3

Week 4

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Assignment 1

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-02-12, 23:59 IST.

1) GIS, GPS and Remote Sensing are generic, digital and _____ technologies   *1 point*
- Special
- Spatial
- Spectral
- Especial

No, the answer is incorrect.
Score: 0
Accepted Answers:
Spatial

2) Vector data is   *1 point*
- Continuous
- Discrete
- Analogue
- Binary

No, the answer is incorrect.
Score: 0
Accepted Answers:
Discrete

3) Hardware is not an essential component of GIS   *1 point*
- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers:
False

4) Which of the following is not a component of GIS?   *1 point*
- Software
- Data
- GPS
- Method

No, the answer is incorrect.
Score: 0
Accepted Answers:
GPS

5) Which of the following is not a thematic layer?   *1 point*
- Vector layer showing groundwater depth
- Vector layer showing state-wise population of India
- Satellite image over India
- Vector layer showing the coal mines in India

No, the answer is incorrect.
Score: 0
Accepted Answers:
Satellite image over India

6) The Real World can be represented through vector data only   *1 point*
- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers:
False

7) Poly-line is a type of vector data   *1 point*
- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers:
True

8) Topology is defined as the spatial relationship between all features in a vector layer   *1 point*
- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers:
False

9) Which of the following is not a path topological model?   *1 point*
- Polygon
- Poly-line
- Spaghetti

No, the answer is incorrect.
Score: 0
Accepted Answers:
Poly-line

10) TIN is a type of vector data   *1 point*
- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers:
False