Assignment 4

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Due on 2021-02-17, 23:59 IST.

1) Basic GIS functions are: 1 point
   - Area and distance measurement
   - Buffer generation
   - Visualization
   - All of the above
   No, the answer is incorrect.
   Score: 0
   Accepted answers: All of the above

2) Basic spatial analysis involves: 1 point
   - Attribute query
   - Spatial query
   - Both attribute and spatial queries
   - A-query
   No, the answer is incorrect.
   Score: 0
   Accepted answers: Both attribute and spatial queries

3) What is reclassification? 1 point
   - The process of simplifying data in a data layer
   - An analytical technique based on point data
   - The process of combining one or more data ranges into a new data range to create a new data layer
   - The process of converting two or more data layers.
   No, the answer is incorrect.
   Score: 0
   Accepted answers: The process of combining one or more data ranges into a new data range to create a new data layer

4) “Points close together in space are more likely to have similar values that points farther apart” is known as 1 point
   - Tobler’s Law of Geography
   - The Law of Geography
   - A-Nearest spatial analysis
   - A-Nearest distance to a point
   No, the answer is incorrect.
   Score: 0
   Accepted answers: Tobler’s Law of Geography

5) The wiring technique is: 1 point
   - An interpolation technique
   - A generalizing technique
   - A classification technique
   - A k-nearest technique
   No, the answer is incorrect.
   Score: 0
   Accepted answers: An interpolation technique

6) Which of the following spatial interpolation techniques is an example of a local, exact, abrupt and deterministic interpolation? 1 point
   - TIN
   - Splines
   - Thiessen polygons
   - Spatial moving average
   No, the answer is incorrect.
   Score: 0
   Accepted answers: Thiessen polygons

7) Spatial interpolation is the procedure of estimating the value of properties at: 1 point
   - Observational location
   - Un-sample sites
   - Sample sites
   - None of the above
   No, the answer is incorrect.
   Score: 0
   Accepted answers: Un-sample sites

8) Generally, which vector data is used for spatial interpolation: 1 point
   - Point
   - Polytie
   - Polygon
   - None of the above
   No, the answer is incorrect.
   Score: 0
   Accepted answers: Point

9) Preprocessing in GIS involves the following: 1 point
   - Format conversion
   - Generalization
   - Merging
   - All of the above
   No, the answer is incorrect.
   Score: 0
   Accepted answers: All of the above

10) The following are also part of processing: 1 point
    - Generalization
    - Interpolation
    - Image interpretation
    - None of the above
    No, the answer is incorrect.
    Score: 0
    Accepted answers: None of the above