

Course outline

How does an NPTEL online course work?

Week Zero: Assignment Zero

Week 01

Week 02

Week 03

Week 04

week 05

week 06

 GIS Analysis-06

 GIS Analysis-07

 Attributes Classification Methods

 Special database systems and their types-01

 Demonstration through GIS software

 Quiz : Assignment 6

 Solution for week 06

week 07

week 08

week 09

Week 10

week 11

week 12

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Assignment 6

The due date for submitting this assignment has passed.

Due on 2021-03-03, 23:59 IST.

As per our records you have not submitted this assignment.

1) How many kinds of network elements are currently know in GIS?

1 point

- 1
 2
 3
 4

No, the answer is incorrect.
Score: 0
Accepted Answers:
 3

2)connect edges and facilitate navigation from one edge to another:

1 point

- Edges
 Junctions
 Turns
 None of the above

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

3) The movement of people, transportation and distribution of services and allocation delivery of resources occurs through a:

1 point

- Geographic system
 Geometric system
 Geodesic system
 Network system

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

4) The determination of the shortest path between connected points or nodes within the network based on attribute values is often referred to as:

1 point

- Route optimization
 Relational optimization
 Conditional optimization
 Conceptual optimization

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

5) Fleet management is based on?

1 point

- Buffer analysis
 Geometric analysis
 Geodesic analysis
 Network analysis

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

6) In which analysis four components (a set of resources, location of resources, a destination and a set of constraints) are usually considered:

1 point

- Buffer analysis
 Geometric analysis
 Geodesic analysis
 Network analysis

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

7) The process of organizing data into group / categories according to shared qualities or characteristics is called as:

1 point

- Modification
 Classification
 Ossification
 Ramification

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

8) For attribute categorization, how many types are commonly used in GIS:

1 point

- 3
 4
 5
 6

No, the answer is incorrect.
Score: 0
Accepted Answers:
 6

9) The method in which each class contains the same number of features is known as:

1 point

- Natural Breaks (Jenks)
 Quantile
 Equal Area
 Standard Deviations

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

10) A data clustering method designed to determine the best arrangement of values into different classes:

1 point

- Frank's optimization
 John's optimization
 Jenk's optimization
 Krank's optimization

No, the answer is incorrect.
Score: 0
Accepted Answers:
 Jenk's optimization