

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

week 07

● Spatial database systems and their types-02

● Concept of NoData in Raster

● Different map projections

● Concept of digital elevation model (DEM) and how it is represented

● Demonstration through GIS software

○ Quiz : Assignment 7

● Solution for week 07

week 08

week 09

Week 10

week 11

week 12

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Assignment 7

The due date for submitting this assignment has passed.

Due on 2021-03-10, 23:59 IST.

As per our records you have not submitted this assignment.

1) Which database model is logically represented by an upside down tree?

1 point

- Hierarchical
- Relational
- Network
- Object-oriented

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
Hierarchical

2) In which database model tables are related by sharing common entity characteristic:

1 point

- Hierarchical
- Relational
- Network
- Object-oriented

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
Relational

3) Which advantage is associated with hierarchical database model?

0 points

- Promotes database integrity
- Data independence
- Conformance to standards
- All of the above

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
All of the above

 4) A cell is assigned the value if there is either no information or insufficient information about the characteristics of the location it represents: **1 point**

- Zero
- Meta data
- Some data
- (d) NoData

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
(d) NoData

5) Initially SRTM-DEM has voids which were filled with:

1 point

- NoData
- Zero
- Meta data
- Some data

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
NoData

6) A way to flatten a globe's surface into a plane in order to make a map:

1 point

- Map enlargement
- Map reduction
- Map production
- Map projection

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
Map projection

7) There are basic types of map projection exist:

1 point

- One
- Two
- Three
- Four

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
Three

8) Map projections involve distortions in:

1 point

- Shape
- Size
- Distance
- All of the above

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
All of the above

9) The circumference of the earth is about smaller around the poles:

1 point

- 1/100th
- 1/200th
- 1/300th
- 1/400th

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
1/300th

10) Which projection preserves right angles between lines of latitude and longitude and are primarily used because they preserve direction:

1 point

- Cylindrical
- Conic
- Azimuthal
- All of the above

 No, the answer is incorrect.
Score: 0

 Accepted Answers:
Cylindrical