

Unit 11 - Week 9

Course outline

How does an NPTEL online course work?

Week 0 Assignment 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Lecture 41 : Introduction to Remote Sensing

Lecture 42 : Basic spatial analysis

Lecture 43 : Basic spatial analysis (contd.)

Lecture 44 : Advanced spatial analysis

Lecture 45 : Advanced spatial analysis (contd.)

Lecture material of Week 9

Quiz : Week 9 Assignment 9

Week 9 Feedback Form

Week 10

Week 11

Week 12

Datasets

Download Videos

Detail Solution

Text Transcripts

Live Interactive Session

Week 9 Assignment 9

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

Due on 2020-04-01, 23:59 IST.

- 1) Which of the following is not an arithmetic operation? 1 point
- A) Addition
B) Subtraction
C) Equal to
D) Multiplication
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
C)
- 2) Output of a buffer operation is _____ 1 point
- A) Point
B) Line
C) Polygon
D) All the above
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
C)
- 3) Network operation is based on _____ 1 point
- A) Continuous connected networks
B) Rules for displacement in a network
C) Definitions of units of measure
D) All the above
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
D)
- 4) Bilinear interpolation considers closest _____ pixels 1 point
- A) 3X3
B) 5X5
C) 2X2
D) None
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
C)
- 5) Bicubic interpolation considers _____ neighbouring pixels 1 point
- A) 4
B) 16
C) 9
D) None
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
B)
- 6) The model depicts geographical surfaces as continuous non-overlapping triangles is called as _____ 1 point
- A) Contour
B) TIN
C) DEM
D) None
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
B)
- 7) A sensor has radiometric resolution of 10 bit, corresponding range of grey levels are 1 point
- A) 0 - 127
B) 0 - 255
C) 0 - 1023
D) 0 - 1056
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
C)
- 8) Rate of change of elevation is referred as _____ 1 point
- A) Aspect
B) DTM
C) Slope
D) All the above
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
C)
- 9) Overlay operation can be performed on 1 point
- A) Raster data
B) Vector data
C) Both
D) None
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
C)
- 10) _____ is the process of constructing new data points outside as discrete set of known data points 1 point
- A) Interpolation
B) Extrapolation
C) Buffer
D) Intersection
- A)
 B)
 C)
 D)
- No, the answer is incorrect.
Score: 0
Accepted Answers:
B)