

Unit 13 - Week 11

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

Week 10

Week 11

Lecture 51 : Data Acquisition and Raster Functions

Lecture 52 : Data Acquisition and Raster Functions (contd.)

Lecture 53 : Map composition

Lecture 54 : Bhuvan geoportal and Google earth

Lecture 55 : Introduction to R

Lecture 56 : Introduction to R (contd.)

Lecture material of Week 11

Quiz : Week 11 Assignment 11

Week 11 Feedback Form

Week 12

Datasets

Download Videos

Detail Solution

Text Transcripts

Live Interactive Session

Week 11 Assignment 11

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

Due on 2020-04-15, 23:59 IST.

1) R programming language can be used for 1 point

- A) Statistical computing
- B) Preparation of graphics
- C) Generation of maps
- D) All the above

- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

D)

2) Which of the following command can be used to set working directory in R 1 point

- A) setwd("path")
- B) set_working_dict("path")
- C) set_all("path")
- D) set_path("path")

- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

A)

3) Function for creating dataframe in R is 1 point

- A) data.frame()
- B) create_dataframe()
- C) dataframe()
- D) All the above

- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

A)

4) Which package among following is useful to handle geotiff data in R? 1 point

- A) raster
- B) rdgal
- C) both
- D) None

- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

A)

5) cellStats() is useful in getting followings from a raster file in R 1 point

- A) Maximum pixel value
- B) Minimum pixel value
- C) Mean and SD of all pixels
- D) All the above

- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

D)

6) Is it possible to create False colour composite (FCC) using R? 1 point

- A) Yes
- B) No

- A)
 B)

No, the answer is incorrect.
Score: 0

Accepted Answers:

A)

7) Histogram is the plot between individual pixel values and 1 point

- A) Corresponding maximum occurrence
- B) Frequency of occurrence
- C) Corresponding minimum occurrence
- D) All the above

- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

B)

8) The data created in Google Earth can be imported to QGIS in which format 1 point

- A) KML
- B) CSV
- C) Shapefile
- D) TIFF

- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

A)

9) Which of the following organization hosts Bhuvan geoportal? 1 point

- A) ISRO
- B) NASA
- C) JAXA
- D) Google

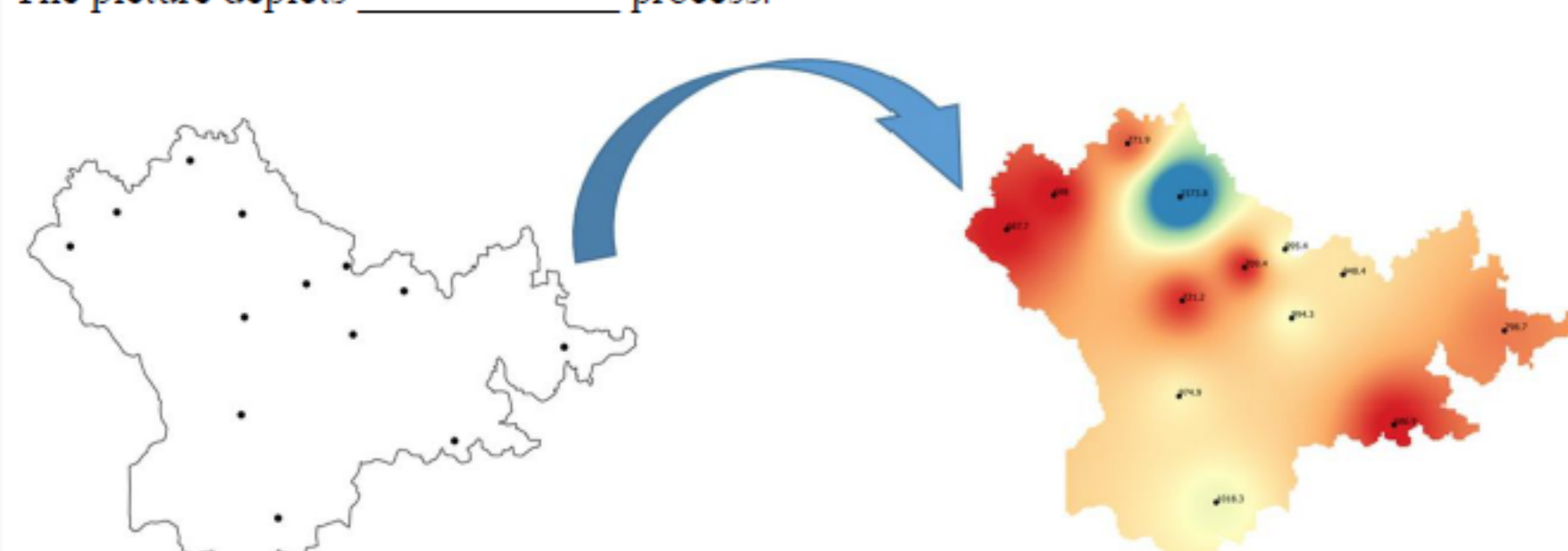
- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

A)

10) The picture depicts _____ process. 1 point



- A) Rasterization
- B) Interpolation
- C) Georeferencing
- D) Vectorization

- A)
 B)
 C)
 D)

No, the answer is incorrect.
Score: 0

Accepted Answers:

B)