

Course outline

How does an NPTEL online course work?

Week Zero: Assignment Zero

Week 01

Week 02

Week 03

Week 04

week 05

- GIS Analysis-02
- GIS Analysis-03
- GIS Analysis-04
- GIS Analysis-05
- Demonstration through GIS software

○ Quiz : Assignment 5

• Solution for week 05

week 06

week 07

week 08

week 09

Week 10

week 11

week 12

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Assignment 5

The due date for submitting this assignment has passed.

Due on 2021-02-24, 23:59 IST.

As per our records you have not submitted this assignment.

1) Map overlay operations are based on:

1 point

- Boolean Logic
- Deductive
- Inductive
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Boolean Logic

2) The intersection $A \cap B$ of two sets A and B is the set that contains all elements of A that also belong to B:

1 point

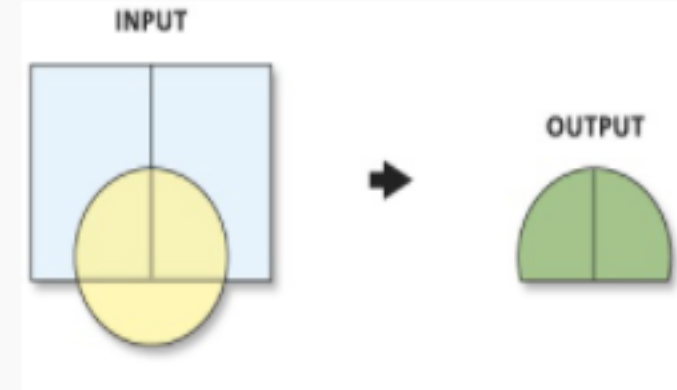
- False
- No change
- True
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

3) Which overlay operation has been applied in the following figure?

1 point



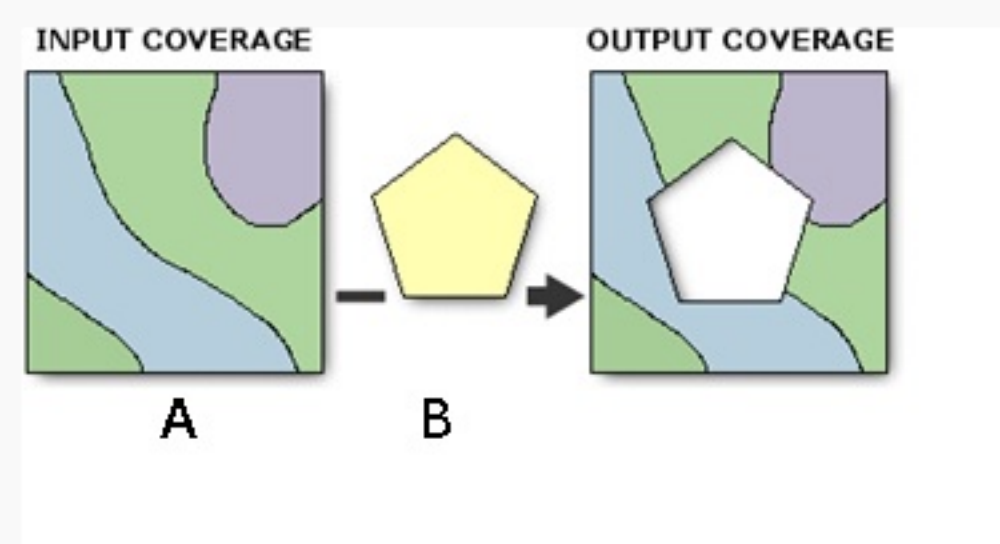
- Clip
- Extract
- Intersect
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

4) Which overlay operator has been used in the following figure?

1 point



- AND
- OR
- NOT
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
None of the above

5) Which is the raster based overlay operation:

1 point

- Arithmetic
- Relational
- Conditional
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

6) Which vector feature can have centroid?

1 point

- Point
- Line
- Polyline
- Polygon

No, the answer is incorrect.
Score: 0

Accepted Answers:
Polygon

7) Which is neighborhood operation?

1 point

- Interpolation functions
- Topographic functions
- Search functions
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

8) Evaluation of characteristics of an area surrounding a specific location is known as:

1 point

- Digitization
- Neighbourhood operations
- Georeferencing
- Merging

No, the answer is incorrect.
Score: 0

Accepted Answers:
Neighbourhood operations

9) Neighbourhood operations involve the creation of new data, based on the consideration of:

1 point

- Kernel
- Roving window
- Moving window
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

10) In which operation it is necessary to indicate one or more target locations, the neighbourhood considered around each target and the type of function to be executed on the attributes within the neighbourhood:

1 point

- Interpolation functions
- Topographic functions
- Search functions
- all of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
all of the above