

Unit 4 - Week 2

Course outline

How does an NPTEL online course work?

Practice Assignment

Week 1

Week 2

Lecture 6: Environmental Geomechanics

Lecture 7: Scope of Environmental Geomechanics- I

Lecture 8: Scope of Environmental Geomechanics- II

Lecture 9: Scope of Environmental Geomechanics- III

Quiz : Assignment-2

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Weekly Feedback

Assignment-2 solutions

Week 3

Week 4

Week 5

Week 6

Week 7

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Week 11

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Text Transcripts

Assignment-2

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

Due on 2020-02-12, 23:59 IST.

1) Which among the following cannot be a part of subsurface?

1 point

- Groundwater
 Soils
 Rocks
 None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
None of these

2) Which of the following aspects fall within the scope of Environmental Geomechanics?

1 point

- Contaminated site remediation
 Waste disposal and handling
 Contaminant transport
 All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

3) The most significant feature of the 'modified and contemporary' classification scheme of geomaterials would be:

1 point

- Representation of their contamination state
 Representation of their vulnerability to decay and decompose
 None of the (a) and (b)
 Both of the (a) and (b)

No, the answer is incorrect.
Score: 0

Accepted Answers:
Both of the (a) and (b)

4) Which of the following is true in the context of the presence of contaminants in geomaterials?

2 points

- An unwanted substance
 Its fate in the porous media always needs to be ascertained
 Always detrimental to the porous media
 (a) and (b) are true but not (c)

No, the answer is incorrect.
Score: 0

Accepted Answers:
(a) and (b) are true but not (c)

5) Can a water submerged geomaterial always be treated as saturated?

1 point

- Yes
 No

No, the answer is incorrect.
Score: 0

Accepted Answers:
No

6) The intact rock mass would be a better 'candidate repository' for nuclear waste disposal if it exhibits _____

1 point

- Low porosity and permeability
 Higher sorption capacity
 Densely compacted grain matrix
 All the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All the above