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## Unit 2 - Week 1

### Course outline

#### How to access the portal

#### Week 1

- Lecture 1 : Introduction (unit? unit=5&lesson=6)
- Lecture 2 : Types of Geosynthetics (unit? unit=5&lesson=7)
- Lecture 3 : Functions (unit? unit=5&lesson=8)
- Lecture 4 : Tests for Physical Properties and tensile strength of geosynthetics (unit? unit=5&lesson=9)
- Lecture 5 : Tensile Modulus (unit? unit=5&lesson=10)
- Download Videos (unit?)

## Week 1, Assignment 1

The due date for submitting this assignment has passed. **Due on 2019-08-14, 23:59 IST.**  
As per our records you have not submitted this assignment.

1) What do you understand by performance test of geosynthetics? **2 points**

- Tests are performed only on geosynthetics itself.
- Tests are performed on geosynthetics along with site specific soil.
- Tests are performed on specific soil.
- None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:

*Tests are performed on geosynthetics along with site specific soil.*

2) Which of the following is not a physical property of geosynthetics **2 points**

- Pullout resistance
- Mass per unit area
- Specific gravity
- Thickness

No, the answer is incorrect.  
Score: 0

Accepted Answers:

*Pullout resistance*

3) What is the function of geosynthetics clay liner? **2 points**

- Containment
- Separation
- Filtration

unit=5&lesson=11)

Quiz : Week 1, Assignment 1 (assessment? name=43)

Geosynthetics Testing Laboratory (noc19\_ce35) - Week 1, Assignment 1 - Solution (unit? unit=5&lesson=47)

Weekly Feedback (unit? unit=5&lesson=12)

**Week 2**

**Week 3**

**Week 4**

drainage

No, the answer is incorrect.

Score: 0

Accepted Answers:

*Containment*

4) What is the size of specimen used to determine mass per unit area? **2 points**

- 200 mm ×200 mm  
 100 mm ×100 mm  
 300 mm ×300 mm  
 400 mm ×400 mm

No, the answer is incorrect.

Score: 0

Accepted Answers:

*100 mm ×100 mm*

5) During wide width tensile strength test, a geotextile specimen failed at 6 mm extension showing failure load as 2000 Newton. What is the tensile strength (kN/m) of the specimen? **2 points**

- 6 kN/m  
 10 kN/m  
 12 kN/m  
 24 kN/m

No, the answer is incorrect.

Score: 0

Accepted Answers:

*10 kN/m*

6) What should be the normal stress to measure thickness of geotextiles? **2 points**

- 5 kPa  
 2 kPa  
 20 kPa  
 50 kPa

No, the answer is incorrect.

Score: 0

Accepted Answers:

*2 kPa*

7) What is the size of specimen used to determine thickness? **2 points**

- 200 mm ×200 mm  
 100 mm ×100 mm  
 300 mm ×300 mm  
 400 mm ×400 mm

No, the answer is incorrect.

Score: 0

Accepted Answers:

*200 mm ×200 mm*

8) How many types of primary functions of geosynthetics are there? **2 points**

- 5  
 4

6

7

No, the answer is incorrect.

Score: 0

Accepted Answers:

5

9) What is the width of the sample in wide width test?

**2 points**

100 mm

200 mm

300 mm

400 mm

No, the answer is incorrect.

Score: 0

Accepted Answers:

200 mm

10) What is the unit of trapezoidal tear strength?

**2 points**

Nm

N/m<sup>2</sup>

N/m

N

No, the answer is incorrect.

Score: 0

Accepted Answers:

N