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?  
   - 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  
   - 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?  
   - Containment  
   - Separation  
   - Filtration  
   Containment  
   Score: 2  
   Accepted Answers:  
   Containment

https://onlinecourses.nptel.ac.in/noc19_ce35/unit?unit=5&assessment=43
4) What is the size of specimen used to determine mass per unit area?  
- 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:  
Containment  
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?  
- 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?  
- 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?  
- 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?  
- 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?  
   
   - 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?  
   
   - Nm
   - N/m
   - N/m²
   - N

No, the answer is incorrect.
Score: 0
Accepted Answers: N