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Unit 2 - Week 1

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

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^2
- N/m
- N

No, the answer is incorrect.
Score: 0

Accepted Answers:
N