## Assignment 1.1

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

1. What are the natural products used in the geotechnical constructions?
   - Clay, Polymer, Hemp
   - Lime, hemp, Metal
   - Clay, lime, Hemp
   - Metal, Polymer, Coir
   **Accepted Answer:** Clay, lime, Hemp

2. Soil is strong in (a) ___ and weak in (b) ___.
   - Tension and compression
   - Tension and shear
   - Compression and shear
   - Shear and Compressions
   **Accepted Answer:** Tension and compression

3. The modern concept of reinforced earth was invented by ___.
   - Terzaghi
   - Bagnold
   - Morris Vidal
   - Terzaghi
   **Accepted Answer:** Terzaghi

4. Desiccant materials are used for which type of loading?
   - Compression
   - Tension
   - Bending
   - Hysteretic
   **Accepted Answer:** Compression

5. Which geosynthetics has lesser thickness compared to others?
   - Needle punched nonwoven geotextile
   - Needled bonded nonwoven geotextile
   - Woven geotextile
   - All have the same thickness
   **Accepted Answer:** Woven geotextile

6. Why is carbon black added to geosynthetic?
   - To increase tensile strength
   - To reduce the effect of exposure to ultra violet rays
   - To protect from biological degradation
   - All of the above
   **Accepted Answer:** All of the above

7. Which of the following is a 3-dimensional geosynthetic?
   - Geotextile
   - Geocomposite
   - Geogrid
   - Geonon
   **Accepted Answer:** Geocomposite

8. Different functions of geosynthetics are
   - Compression member
   - Reinforcement
   - Separator and filter
   - Barrier
   **Accepted Answer:** Barrier

9. Applications of geomembrane are
   - Drainage
   - Fluid barrier
   - Canal lining
   - Reinforcement
   **Accepted Answer:** Drainage