

## Pre-Test Soil Classification

1. Benching is an acceptable form of protection in type C soil.
  - a. True
  - b. False
2. At what depth do you need a protective system in trenches?
  - a. 3 feet
  - b. 4 feet
  - c. 5 feet
  - d. 10 feet
3. What is the angle of excavation for stable rock?
  - a. 45°
  - b. 65°
  - c. 75°
  - d. 90°
4. Type A soil is:
  - a. Solid Rock
  - b. Un-disturbed Clay like Soil
  - c. Sand
  - d. None of the above
5. Type B soil is:
  - a. Solid Rock
  - b. Clay like Soil, that has been disturbed
  - c. Sand
  - d. None of the above
6. Type C soil is:
  - a. Solid Rock
  - b. Clay like Soil
  - c. Sand
  - d. None of the above

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7. Where soils are configured in layers, i.e., where a layered geologic structure exists, the soil must be classified (ex. you have type b over type c):
  - a. As the strongest soil
  - b. As the weakest soil**
  - c. As a class c soil only
  - d. None of the above
  
8. How much does a cubic yard of soil weigh?
  - a. 3000 lbs.**
  - b. 1000 lbs.
  - c. 500 lbs.
  - d. 10000 lbs.
  
9. What is a penetrometer?
  - a. Instrument that uses blades that are pressed into soil to define comprehensive strength
  - b. Instrument used to determine the unconfined compressive strength of soil**
  - c. A piece of equipment used to identify different hazardous materials in the soil
  - d. None of the above
  
10. What is a sheervane?
  - a. Instrument that uses blades that are pressed into soil to define comprehensive strength**
  - b. Instrument used to determine the unconfined compressive strength of soil
  - c. A piece of equipment used to identify different hazardous materials in the soil
  - d. None of the above

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