

**POSTTEST - SESSION 1**

**QUESTIONS**

**FIRST NAME:**

**LAST NAME:**

1. Which of the following is correct about Right to Know?
  - A. A regulation designed to make information available about hazardous chemicals that are imported by employer
  - B. This regulation is designed to make information about hazardous chemicals that are present in work places available to exposed employees
  - C. Only applies to large-sized companies
  - D. Only applies to the construction industry
  
2. On average a one cubic foot volume of soil can weight about
  - A. 50 lbs
  - B. 100 lbs
  - C. 150 lbs
  - D. 200 lbs
  
3. Which one of the following is true?
  - A. A trench has a maximum width of 15ft in the base, while its deeper than its width
  - B. Excavation is a cut or hole dug in the ground with a minimum depth of 6 ft.
  - C. An excavation is a special form of trench
  - D. All of the above
  
4. Majority (3 out of 4) of fatal accidents occurring in excavation work are primarily caused by:
  - A. Struck by
  - B. Hazardous atmosphere
  - C. Cave-ins
  - D. Electrocution
  
5. Which of the following is the possible reason for cave-in accidents?
  - A. Lack of appropriate protection systems
  - B. Lack of soil type classification (types)
  - C. Non-compliance with the OSHA regulations
  - D. All of the above
  
6. Which one of the following soil type has the highest stability?
  - A. Stable rock
  - B. Type A soil
  - C. Type B soil
  - D. Type C soil
  
7. Which of the following is an example of visual soil classification test?
  - A. Thumb penetration test
  - B. Vane shear
  - C. Observing fissures and cracks in the soil being excavated
  - D. Plasticity test

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8. Unstable granular soils and/or soils from which water is freely seeping belong to the following classification
  - A. Stable rock
  - B. Type A soil
  - C. Type B soil
  - D. Type C soil
  
9. Which one of the following statement is true with regard to water effects on soil?
  - A. Excavations should not be entered when water has built up, unless there is protection for the unstable soil, and water-removal equipment is present
  - B. Storm water must be carefully diverted away from the excavation site.
  - C. All laborers must be withdrawn from trench during rain storms.
  - D. All of the above
  
10. A pocket penetrometer, which measures unconfined compressive strength in tons per square foot (TSF), is a device that is used to distinguish stable rock from fissured Type A soil
  - A. True
  - B. False