

POST TEST

1. Common causes of cave-ins are;
 - A. Poor planning
 - B. Misjudgment of soil type
 - C. Defective protective systems
 - D. Failure to adjust for changing conditions
 - E. All the above

2. Excavation standard applies to;
 - A. Excavations
 - B. trenches
 - C. surface encumbrances
 - D. protective systems
 - E. All the above

3. Timber and aluminum hydraulic are _____ systems.
 - A. Shoring
 - B. Ramp
 - C. Hazardous
 - D. Access

4. A hazardous atmosphere can be;
 - A. Flammable
 - B. Poisonous
 - C. Toxic
 - D. Irritating
 - E. All the above

5. Surface encumbrances that are hazardous to employees shall be _____ as necessary to safeguard employees.
 - A. Added
 - B. Removed or supported
 - C. Built in
 - D. Blocked

6. Structural ramps used by employees shall be designed by _____
- A. Safety officer
 - B. Laborer
 - C. Competent person
 - D. Operator
7. Oxygen deficient atmosphere are problems in trenches when the oxygen content falls below;
- A. 12.5%
 - B. 30.5%
 - C. 19.5%
 - D. 25.5%
8. Water removal operations shall be monitored by a _____
- A. Competent person
 - B. Safety person
 - C. Water man
 - D. Flag person
9. Competent persons shall take prompt corrective measures when surroundings are _____ to employees?
- A. Hazardous
 - B. Unsanitary
 - C. Dangerous
 - D. All the above
10. Employees are _____ in shields when being installed, removed or moved vertically.
- A. Not permitted
 - B. Permitted
11. Type A soils are fissured, subject to vibration, previously disturbed?
- A. True
 - B. False

12. A visual test and a _____ test shall be done to determine soil classification?
- A. Standard
 - B. Manual
 - C. Perk
 - D. Legal
13. Cohesive soils have a high _____ content?
- A. Clay
 - B. Rock
 - C. Sand
 - D. Gravel
14. _____ is caused by a downward pressure created by weight of adjoining soil or equipment?
- A. Heaving or squeezing
 - B. Toppling
 - C. Boiling
15. Timber can be used to shore trenches up to _____ feet in Depth without a registered engineer's approval?
- A. 10
 - B. 20
 - C. 30
 - D. 40

Post – Test Answers

- 1) E
- 2) E
- 3) C
- 4) E
- 5) B
- 6) C
- 7) C
- 8) A
- 9) D
- 10) A
- 11) B
- 12) B
- 13) A
- 14) A
- 15) B