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