Post-Test Answer Key

Circle the correct answer

1. Who has the most impact on improving safety at construction sites?
   a. Owners/Architects/Engineers
   b. Employers
   c. OSHA
   d. Employees

2. When may guards be removed from powered equipment?
   a. When something is stuck in it
   b. When proper PPE is used
   c. When the equipment is off and locked out
   d. All of the above

3. Guardrails used for perimeter fall protection must have toe boards when _______.
   a. Toe boards are not required on perimeter protection
   b. People work near the guard rails
   c. People are working in or entering into the lower level near the area
   d. All the time

4. The best way to protect workers from being struck by rotating equipment is to _______.
   a. Have the operator warn workers
   b. Use audible swing alarms
   c. Barricade swing radiuses
   d. All of the above

5. What are the two of the top four causes of death in construction site accidents?
   Any two of: electrocution, caught-in, struck-by, or fall

6. Equipment such as cranes, forklifts, backhoes and scaffolding must maintain at least a ______ foot minimum clearance from overhead power lines.
   a. 20
   b. 10
   c. 12
   d. 6

7. On an average, how many construction workers are killed at construction sites each year?
   a. 2,000 – 2,500
   b. 1,000 – 1,200
   c. 500 – 700
   d. 100 – 200

8. A floor hole wider than ______ must be protected.
   a. 24 inches
   b. 19 inches
   c. 12 inches
   d. 2 inches
9. When fall arrest equipment is used, employers must assure that ___________.
   a. A rescue plan is in place to rescue a fallen employee
   b. Users have calculated total fall distance
   c. All equipment is properly inspected before each use
   d. All of the above

10. Excavations over 6 feet deep and not obviously visible must, at minimum, be ____________.
    a. Protected by guardrails  c. Covered with traffic plates
    b. Barricaded or marked  d. No protection is required

11. Ground Fault Circuit Interrupters (GFCI) are required by the National Electrical Code:
    a. On all temporary power circuits  c. When there are wet conditions
    b. On portable generators over 5,000 watts  d. All of the above

12. Many forklift accidents happen because the operator does which of the following:
    a. Uses broken equipment  c. Carries an unsafe load
    b. Travels an unsafe route  d. All of the above

13. Wall openings over 6 feet above the ground must be guarded when _____________.
    a. Work occurs on stepladders near a window opening with a 42" sill height.
    b. The window sill is less than 39" above the floor.
    c. Wall studs are on 24" spacing.
    d. All of the above

14. To prevent worker run-over accidents, which of the following should be used?
    a. Spotters for equipment  c. Back-up alarms
    b. High visibility clothing  d. All of the above

15. What percentage of accidents is caused by unsafe behavior rather than by unsafe conditions?
    a. 90%  c. 80%
    b. 65%  d. 50%