

Pre-Test Answer Key

Circle the correct answer

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

2. 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

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

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

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

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

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

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

9. Wall openings over 6 feet above the ground must be guarded when _____.
- a. The window sill is less than 39" above the floor.
 - b. Work occurs on stepladders near a window opening with a 42" sill height.
 - c. Wall studs are on 24" spacing.
 - d. All of the above**
10. A floor hole wider than _____ must be protected.
- a. 12 inches
 - b. 2 inches**
 - c. 24 inches
 - d. 19 inches
11. Guardrails used for perimeter fall protection must have toe boards when _____.
- a. People work near the guard rails
 - b. People are working in or entering into the lower level near the area**
 - c. Toe boards are not required on perimeter protection
 - d. All the time
12. When fall arrest equipment is used, employers must assure that _____.
- a. All equipment is properly inspected before each use
 - b. Users have calculated total fall distance
 - c. A rescue plan is in place to rescue a fallen employee
 - d. All of the above**
13. To prevent worker run-over accidents, which of the following should be used?
- a. Back-up alarms
 - b. High visibility clothing
 - c. Spotters for equipment
 - d. All of the above**
14. The best way to protect workers from being struck by rotating equipment is to _____.
- a. Barricade swing radiuses**
 - b. Have the operator warn workers
 - c. Use audible swing alarms
 - d. All of the above
15. Who has the most impact on improving safety at construction sites?
- a. Employers
 - b. Employees**
 - c. OSHA
 - d. Owners/Architects/Engineers