

Line of Fire Quiz – Answer Key

1. What percentage of construction deaths are from struck-by and caught-between accidents?
 - a. 25%
 - b. 3%
 - c. 16%
 - d. 100%

2. Struck-by injuries are produced by forcible contact or impact between the injured person and a/n _____.
 - a. High voltage power line or other energy source
 - b. Object or piece of equipment
 - c. Co-worker or employer
 - d. A puddle of water

3. What are the different classifications of struck-by hazards?
 - a. Flying, falling, swinging, and rolling
 - b. Falling, rolling, sitting, and stacked
 - c. Elimination, Engineering, Administrative, and PPE
 - d. Dipping, flying, turning, and swiveling

4. Caught-in or -between hazards are caused by the impact alone of the object.
 - a. True
 - b. False

5. If a machine needs maintenance, it should be:
 - a. Worked on as quickly as possible
 - b. Turned off and de-energized
 - c. Locked and tagged out
 - d. Both B & C

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6. Workers should not work in an unprotected trench that is 5 feet deep or more. The type of protection installed may be sloping or benching; trench box or shield; and _____.
- a. Stabilizing
 - b. Steadying
 - c. **Shoring**
 - d. Slipping
7. As a load is mechanically lifted, the materials _____.
- a. Will not be affected by windy conditions or bad weather
 - b. **May strike workers if the load swings, twists or turns**
 - c. Are no danger to those walking underneath
 - d. Can weigh any amount without causing a problem with the equipment
8. An example of released energy is:
- a. A suspended load
 - b. Being hit by a nail from a nail gun
 - c. Run over by a vehicle in a roadway work zone
 - d. **Burning steam being released from a faulty valve**
9. Weather conditions do not need to be considered when lifting suspended loads outdoors.
- a. True
 - b. **False**
10. Materials shifting and pinning a worker against a wall is an example of what line of fire injury?
- a. **Caught-in or -between injury**
 - b. Released Energy injury
 - c. Struck-by injury
 - d. Slip, trip, and fall injury