Machine Guarding Pre Test

1. **Point of operation means the point at which:**
   - A. an employee has a medical procedure done.
   - B. controller interacts with the gaming system.
   - C. the operator stands at the control panel to perform work.
   - D. work is performed on the material such as cutting, shaping, boring, or forming of stock.

2. **What does a power transmission device do?**
   - A. Provides a guard that protects the employee from hazards.
   - B. Transmits energy to the part of the machine performing the work.
   - C. Uses light source to interrupt machine operating cycle.
   - D. Is a stand-alone barrier.

3. **What is a nip point?**
   - A. A safety restraint
   - B. An awareness barrier
   - C. A point between rotating and fixed parts which shear, crush, or abrade.
   - D. A safety check point

4. **A reciprocating motion is a motion that:**
   - A. Is a repetitive up and down or back and forth linear motion.
   - B. Flows in a continuous motion in one direction.
   - C. Goes back and forth in a circle.
   - D. None of the above

5. **Which machine uses a cutting action?**
   - A. Sewing machine
   - B. Washing machine
   - C. Circular saw
   - D. Conveyor belt

6. **Hazards to be guarded can include:**
   - A. In running nip points
   - B. Rotating equipment
   - C. Belts or gears
   - D. All of the above

7. **The hazard in using a punch press comes at the _________?**
   - A. Operator starting the press
   - B. Point of operation
   - C. Handling the final product
   - D. There is no hazard

8. **A _____________ guard is a barrier that is a permanent part of the machine. It is not dependent upon moving parts to function.**
   - A. Self-adjusting
   - B. Fixed
   - C. Interlocked
   - D. Adjustable
9. **Pullback devices are:**
   A. Body harnesses that pull you back like a bungee.
   B. A light source that controls a machine’s operating cycle.
   C. A device located around the perimeter of a danger area.
   D. Attached to the operators hands or wrists, removes hands from the Point of Operation.

10. **A machine will operate when a gate guard is open.**
    A. True
    B. False

11. **The following are considered miscellaneous aids:**
    A. Awareness barriers, protective shields, and special hand tools
    B. Feeding, ejection methods, and robots
    C. Earmuffs, face masks, and gloves
    D. Goggles, steel toe boots, and hard hats

12. **When performing a ring test on an abrasive wheel you will hear _______ if the wheel is undamaged:**
    A. No noise
    B. A dull sound
    C. A clear ring
    D. Beyoncé

13. **Gears, sprockets, and chains shall be guarded by the following:**
    A. By a complete enclosure
    B. By a standard guard at least 7 feet high extending 6 inches above mesh point
    C. By a band guard covering the face of the gear
    D. All of the above

14. **Compressed air must not be used for cleaning unless reduced to:**
    A. 10 PSI
    B. 15 PSI
    C. 30 PSI
    D. 50 PSI

15. **Who is responsible for the safe condition of tools and equipment on a job site?**
    A. Employee
    B. Employer
    C. Human Resources
    D. OSHA

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