



Introduction to Industrial Controls Assessment

Name: _____ Date: _____

1. Programmable logic controllers are electrical devices designed to control machines and industrial processes _____.
 - A. manually
 - B. automatically
 - C. neither
2. The output of an industrial control circuit is also called the _____.
 - A. decision
 - B. signal
 - C. action
 - D. none of the above
3. A pressure switch is an example of a _____ condition control.
 - A. manual
 - B. automatic
4. The three basic sections of all industrial control circuits are the signal, the _____ and the action.
 - A. output
 - B. input
 - C. decision
 - D. power



5. A relay is a special type of switch or industrial control device operated by a magnetic coil.
 - A. True
 - B. False
6. Select the answer which does not represent one of the six “logic” functions.
 - A. AND
 - B. NOT
 - C. ONLY
 - D. NAND
7. A limit switch is a good example of a control device that would respond to a mechanical input.
 - A. True
 - B. False
8. The entire concept of industrial control circuits begins with the _____.
 - A. signal
 - B. decision
 - C. action
 - D. none of the above
9. The decision part of a control circuit is the part that adds, subtracts, sorts out, selects, and redirects the signals from the industrial control device to the output.
 - A. True
 - B. False
10. A light switch being left alone with the light glowing is an example of _____.
 - A. AND logic
 - B. OR logic
 - C. NOT logic
 - D. None of the above