Field Trip: Lincoln Electric

Directions:
Answer the following questions.

___ 1. Who founded The Lincoln Electric Company?
   a. John Cromwell Lincoln
   b. James Finney Lincoln
   c. Abraham Lincoln
   d. Charlie Lincoln

___ 2. Shirt tails do not have to be tucked in when working around machinery.
   a. true
   b. false

___ 3. ________________ is the process where metal is subjected to a heat treatment
   a. Annealing
   b. Welding
   c. Magnetic flux transfer
   d. Laminating

___ 4. Which of the following punches out pieces of metal used for the outside shell of the welder?
   a. annealing furnace
   b. Finn-power machine
   c. molding press
   d. all of the above

___ 5. During the powder coating process the part is negatively charged and the paint is negatively charged, what is the next process in the powder coating process?
   a. annealing furnace
   b. molding press
   c. goes into the oven
   d. all of the above

___ 6. The capacitors store energy within the welder whereas the resistors slow the electrical flow of the current down.
   a. true
   b. false
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7. The __________________ convert(s) the alternating current to direct current.
   a. transformer  
   b. case front  
   c. case back  
   d. rectifiers

8. __________ standards are quality and environmental standards Lincoln Electric follows to ensure safety and quality.
   a. Manufacturing  
   b. Assurance  
   c. ISO  
   d. USO

9. Lincoln Electric tests all of their machines for the safety of their customers.
   a. true  
   b. false

10. Which of the following is taught at the Lincoln Electric Welding School?
    a. MIG welding  
    b. TIG welding  
    c. arc welding  
    d. all of the above