

Name _____

Date _____ Hour _____

13

Agricultural Mechanics Safety

Multiple Choice

Choose the answer that best completes each statement or question.

- _____ 1. Which governmental agency regulates safe practices to prevent work-related injuries, illnesses, and deaths?
- A. USDA
 - B. FDA
 - C. OSHA
 - D. OSSA
- _____ 2. What can ensure safety in the shop?
- A. common sense
 - B. good judgment
 - C. behaving responsibly
 - D. all of the above
- _____ 3. Most injuries that occur in the shop or elsewhere are the result of _____.
- A. machinery
 - B. electricity
 - C. human error
 - D. unknown causes
- _____ 4. Machinery is a source of hazard when it is _____.
- A. running
 - B. operated improperly
 - C. foreign made
 - D. old
- _____ 5. Machinery should only be used with proper _____.
- A. skill
 - B. knowledge
 - C. ability
 - D. all of the above

- _____ 6. Keeping the shop clean and organized can prevent injury from ____.
- A. falling objects
 - B. tripping
 - C. spills
 - D. all of the above
- _____ 7. You should never look at the welding arc without proper eye protection, which is a shaded lens ranging in number from ____.
- A. No. 1 to No. 3
 - B. No. 3 to No. 6
 - C. No. 6 to No. 9
 - D. No. 9 to No. 12
- _____ 8. A material is considered flammable if it has a flash point of less than ____.
- A. 100° F
 - B. 130° F
 - C. 175° F
 - D. 212° F
- _____ 9. Which class of fire occurs in ordinary combustible materials such as wood, rags, and rubbish?
- A. Class A
 - B. Class B
 - C. Class C
 - D. Class D
- _____ 10. Which class of fire is fueled by flammable metals, such as magnesium?
- A. Class A
 - B. Class B
 - C. Class C
 - D. Class D
- _____ 11. Which class of fire is fueled by flammable liquids such as gasoline, oil, grease, paints, and thinners?
- A. Class A
 - B. Class B
 - C. Class C
 - D. Class D

- _____ 12. Which class of fire consists of electrical fires that occur in or near electrical equipment?
- A. Class A
 - B. Class B
 - C. Class C
 - D. Class D
- _____ 13. Which class of fire may be extinguished with water?
- A. Class A
 - B. Class B
 - C. Class C
 - D. Class D
- _____ 14. Water can help to spread rather than stop fires that are _____.
- A. Class A
 - B. Class B
 - C. Class C
 - D. Class D
- _____ 15. The use of water can result in electric shock or electrocution in fires that are _____.
- A. Class A
 - B. Class B
 - C. Class C
 - D. Class D

True/False

- _____ 16. Behaving responsibly is the best way to keep from causing an accident that could injure yourself or an innocent bystander.
- _____ 17. Even a small electric shock is painful, while standard household current can kill.
- _____ 18. The type of PPE is the same for all types of agricultural work.
- _____ 19. Synthetic material should be worn when welding.
- _____ 20. Many fire extinguishers are designed to fight multiple classes of fire.
- _____ 21. Use fire extinguishers occasionally to make sure they work.

Matching

Match each PPE with its purpose.

- A. safety glasses
- B. coveralls
- C. rubber boots
- D. steel-toed boots
- E. clear face shields

_____ 22. protects the entire face from flying particles or liquid splashes

_____ 23. protects the feet from water and mild chemicals

_____ 24. protects the feet from falling objects

_____ 25. protects the eyes

_____ 26. protects the body, arms, and legs from dust and flying debris

Matching

Match each PPE with its purpose.

- A. gloves
- B. respirators
- C. dust masks
- D. ear plugs or ear muffs
- E. helmets and shaded face shields

_____ 27. protects the hearing from loud or continuous noise

_____ 28. protects you from breathing dirt particles

_____ 29. protects the face and eyes from heat, harmful rays, and hot metal when working

_____ 30. protects the hands from splinters, hot or sharp metal, and chemicals

_____ 31. protects you from breathing toxic gases, fumes, and harmful fibers

Matching

Match each safety color code with its description.

- A. red
- B. blue
- C. green
- D. yellow
- E. orange
- F. black and white
- G. purple or black and yellow

_____ 32. designates radiation hazards

_____ 33. used to designate safety and first-aid equipment

_____ 34. used to designate traffic movement and housekeeping areas

_____ 35. used to identify fire protection equipment and apparatus, and to designate “danger” or “stop”

_____ 36. used to warn against starting equipment, moving equipment, or using equipment under repair or being worked on

_____ 37. used to designate dangerous parts of machinery and parts of equipment that can cause electric shock

_____ 38. used to designate caution and mark physical hazards such as stumbling, falling, tripping, striking against, and caught-between

Completion

39. Wear appropriate _____ that fits properly.

40. Remove _____ and dangling _____,
and tie back long _____.

41. Keep the shop and work area _____ and well
_____.

42. Only use tools for their specific _____.
43. Know the location and proper use of _____
_____.
44. Repair or replace all worn or frayed _____ cords.
45. Never touch metal that could be _____.

Short Answer

46. What should you do before beginning a weld? _____

47. What should you do to avoid electrical shock when welding? _____

