



Introduction to Safety – Unit Three: Personal Protective Equipment

Unit Exam Answer Key

1. _____ is the cause of the greatest number of eye injuries.
 - a. **** Flying particles**
 - b. Liquid splashes
 - c. Vapors or fumes
 - d. Light radiation

2. The primary use of _____ is to protect the eyes from dust, liquids, gasses and vapors.
 - a. safety glasses
 - b. **** goggles**
 - c. face shields
 - d. Any of the above

3. Eye protection with a shaded filter lens is used for _____ applications.
 - a. photography
 - b. **** welding**
 - c. foundry
 - d. laser cutting

4. Generally, hearing loss affects the ability to hear _____ frequencies.
 - a. low
 - b. midrange
 - c. **** high**
 - d. Ultrasonic

5. All hard hats made of a non-conductive material will protect against electrical hazards.
 - a. True
 - b. **** False**





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6. Specifically-designed PPE footwear used by workers in industry can be purchased with which of the following features?
- steel toes
 - slip-resistant soles
 - steel heels
 - metatarsal protection
 - ** Any of the above**
7. Gloves made of _____ are used to protect against sparks from welding.
- latex
 - canvas
 - ** leather**
 - Rubber
8. Cleaners, fertilizers, chemicals and paints can _____.
- damage the skin
 - be absorbed through skin
 - ** Both a and b**
 - Neither a or b
9. A workplace PPE hazard assessment document identifies the _____.
- department
 - job functions that was evaluated
 - person who conducted the assessment
 - ** All of the above**
10. Work gloves made of leather protects against acids and caustic liquids.
- True
 - ** False**





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11. Eye wash stations should be located near any facilities that use _____.
- ** chemicals**
 - dust
 - vapors
 - abrasive particles
12. _____ hearing loss, more commonly known as *nerve deafness* is caused by damage to the inner ear, acoustic nerve, or both.
- Conductive
 - ** Sensorineural**
 - Accuneural
 - Mixed
13. Some ear plugs can reduce noise levels the same amount as ear muffs.
- ** True**
 - False
14. Class _____ hardhats protect the head against impact and penetration of falling objects.
- ** A**
 - B
 - C
 - D
15. A class _____ hardhat is designed for comfort and protects the head from minor impact.
- A
 - B
 - ** C**
 - D





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16. PPE marked with _____ pertains to head protection.
- Z87
 - Z88
 - ** Z89**
 - Z09
17. The soles of industrial boots and shoes are designed to be _____.
- slip-resistant
 - puncture-resistant
 - ** Both a and b**
 - Neither a or b
18. Most foot injuries can be prevented by wearing shoes that _____.
- have insulated liners
 - are chemical resistant
 - have puncture and slip resistant soles
 - ** have steel toes**
19. Employees who work with heavy, sharp and rough materials or objects should wear aprons, gloves, and shoes made of _____.
- leather
 - rubber
 - heavy canvas
 - ** Either a or b**
20. All respirator and filtering facepieces used in the workplace must be certified by _____.
- OSHA
 - ** NIOSH**
 - the EPA
 - IDLH





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21. Gasses are _____.
- Small particles of solids or liquids suspended and dispersed in air.
 - formed by the evaporation of solids or liquids.
 - Often created by cutting, welding, or brazing of metallic materials.
 - ** formed by chemical processes or high heat.**
22. What components of a respirator should be inspected before being used?
- Inhalation valves
 - Exhalation valves
 - Head straps
 - ** All of the above**
23. An APR is used when there is enough oxygen by filtering out the air that contains harmful _____.
- gases
 - vapors
 - dust
 - ** All of the above**
24. A _____ seal check performed on a respirator involves exhaling while blocking the exhalation valve.
- negative
 - ** positive**
25. The _____ respirator fit testing procedure, also known as the “*gas chamber test*”, relies on taste, irritation, or smell of the wearer while the test is conducted.
- ** qualitative**
 - quantitative





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