

Automotive Technology 7<sup>th</sup> Edition  
Chapter 5: Shop Safety  
Short Answer Quiz

Name:

Date:

1. According to the text, why is it crucial for technicians to wear safety glasses all the time, and what standard should these glasses meet?

2. Describe the difference between latex surgical gloves and nitrile gloves in terms of their characteristics and reactions to gas, oil, or solvents.

3. If a sound level requires you to raise your voice, what sound level (in decibels) might this be equivalent to? Additionally, provide an example of a piece of equipment that produces noise around this level.

4. When jump-starting another vehicle with a dead battery, where should the last connection be made, and why?

5. Briefly describe the four classes of fire extinguishers and the specific types of fires they should be used on.

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6. Describe the differences between Class A and Class D fire extinguishers, including the types of fires they are designed to combat.

7. Explain the "PASS" method in the context of using a fire extinguisher. What does each letter stand for and how is it applied?

8. What are the specific precautions that should be taken when using compressed air in a shop environment, especially concerning the air nozzle?

9. List the characteristics and locations of aisles leading to emergency exits in a workshop as described in the text.

10. Why is it essential to report injuries involving blood in a workshop, and what are some of the blood-borne pathogens that workers should be cautious of?