

## Lab Safety Quiz Answer Key PDF

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**What is the first step in using a fire extinguisher?**

- A. Aim at the base of the fire
- B. Squeeze the handle
- C. Pull the pin ✓**
- D. Sweep side to side

**What is the primary purpose of a lab safety quiz?**

- A. To assess scientific knowledge
- B. To evaluate safety protocol understanding ✓**
- C. To test lab equipment skills
- D. To determine chemical handling skills

**Which of the following are considered personal protective equipment (PPE)? (Select all that apply)**

- A. Gloves ✓**
- B. Safety goggles ✓**
- C. Lab coat ✓**
- D. Sandals

**Which of the following are fire safety practices in the lab? (Select all that apply)**

- A. Knowing the location of fire extinguishers ✓**
- B. Blocking fire exits
- C. Storing flammable materials properly ✓**
- D. Ignoring fire alarms

**What are the components of a proper chemical label? (Select all that apply)**

- A. Chemical name ✓**
- B. Hazard symbols ✓**
- C. Expiration date
- D. Manufacturer's contact information ✓**

**Where should you dispose of broken glassware in the lab?**

- A. Regular trash bin
- B. Chemical waste container
- C. Designated glass disposal box ✓**
- D. Sink

**What should you do in the event of a chemical spill? (Select all that apply)**

- A. Evacuate the area if necessary ✓**
- B. Report the spill to a supervisor ✓**
- C. Clean it up immediately without any protection
- D. Use appropriate spill kits ✓**

**Which organization sets regulations for workplace safety, including labs?**

- A. FDA
- B. EPA
- C. OSHA ✓**
- D. CDC

**Which piece of personal protective equipment is essential for eye protection in the lab?**

- A. Gloves
- B. Goggles ✓**
- C. Lab coat
- D. Mask

**What should you consult to understand the hazards of a chemical?**

- A. Equipment manual
- B. Lab notebook

**C. Material Safety Data Sheet (MSDS) ✓**

D. Lab safety poster

**What is the purpose of an eyewash station?**

A. To clean laboratory equipment

**B. To rinse chemicals from the eyes ✓**

C. To wash hands

D. To store safety goggles

**What should be included in a lab's emergency plan? (Select all that apply)****A. Evacuation routes ✓****B. Contact information for emergency services ✓**

C. Personal contact numbers

**D. Location of safety equipment ✓****Which of the following is NOT a recommended lab practice?****A. Eating in the lab ✓**

B. Wearing a lab coat

C. Labelizing chemicals

D. Using a fume hood

**Which actions help maintain a safe lab environment? (Select all that apply)****A. Keeping workspaces clean ✓****B. Wearing PPE ✓**

C. Leaving spills unattended

**D. Properly storing chemicals ✓**