Lab safety quiz for lab technicians

Why is it important to tie back long hair and remove loose clothing when working in a laboratory?
a. To follow the latest fashion trends.
b. To avoid being mistaken for a rock star.
c. **To minimize the risk of hair or clothing getting caught in equipment.**

2. What is the primary purpose of an emergency eyewash station?
a. To wash hands after experiments.
b. To provide a convenient water source.
c. To flush the eyes in case of chemical exposure.

Why should you never pipette solutions by mouth in the laboratory?
a. To avoid getting a bad taste.
b. To prevent contamination of the solution.
c. It's a faster way to transfer liquids

What should you do if you accidentally spill a chemical on the laboratory bench?
a. Leave it for the next person to clean.
b. Clean it up immediately using appropriate procedures.
c. Ignore it and continue working.

When should safety goggles be worn in the laboratory?
a. Only when using corrosive chemicals.
b. At all times, when handling chemicals or using laboratory equipment.
c. Only during laboratory inspections.

Why is it important to know the location of emergency exits and evacuation routes in the laboratory?
a. To plan escape routes for social events.
b. To be well-prepared in case of a fire or other emergencies.
c. It's not necessary; emergencies rarely happen.

What should you do if you cut yourself while working in the laboratory?
a. Continue working; it's just a small cut.
b. Rinse the wound with water and cover it with a bandage.
c. Ask a colleague to help you without taking any safety measures.

Why is it important to label chemical containers with their contents and hazard information?
a. To make the laboratory look organized.
b. It's not necessary; experienced scientists can identify chemicals by smell.
c. To communicate important safety information and prevent accidents.

What should you do if you don't understand the instructions for an experiment in the laboratory?
a. Proceed without asking questions.
b. Guess the correct procedure.
c. Seek clarification from the instructor before starting.

ANSWER

Why should you never eat or drink in the laboratory?
a. To maintain a strict diet.
b. To avoid distractions while working.
c. To prevent accidental ingestion of chemicals and contamination.

ANSWER

What is the purpose of a fume hood in the

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laboratory?
a. To store chemicals.
b. To provide a convenient workspace.
c. To contain and vent harmful fumes.

Why should you not leave experiments unattended in the laboratory?
a. To avoid getting bored.
b. To prevent unauthorized individuals from tampering with the experiment.
c. Leaving experiments unattended is acceptable.

ANSWER

Why should you use caution when handling glassware in the laboratory?
a. Glassware is unbreakable.
b. Glassware is expensive to replace.
c. Broken glass can cause injuries and contamination.

What should you do if you spill a volatile or flammable liquid in the laboratory?
a. Wait for it to evaporate.
b. Clean it up immediately using proper procedures.
c. Inform others but take no further action.

ANSWER

Why is it important to know the location of the fire extinguisher in the laboratory?
a. It's a decorative element.
b. To use it as a prop in laboratory plays.
c. To quickly access it in case of a fire emergency.

What is the purpose of conducting regular safety drills in the laboratory?
a. To test the fire alarm.
b. To keep everyone entertained.
c. To ensure that individuals know how to respond in case of emergencies.

Why is it important to work in a well-ventilated area when using certain chemicals?
a. To avoid distractions.
b. To enhance the smell of the chemicals.
c. To reduce the inhalation of harmful fumes.

What should you do if you notice damaged or malfunctioning equipment in the laboratory?
a. Ignore it; it's not your responsibility.
b. Report it to the instructor or laboratory supervisor.
c. Attempt to repair it on your own.

Why is it important to wash your hands thoroughly after working in the laboratory?
a. To save time.
b. To prevent the spread of germs and contamination.
c. It's not necessary; chemicals don't harm the skin.

What should you do if you accidentally inhale a chemical vapor in the laboratory?
a. Continue working; it's just a normal part of laboratory work.
b. Move to a well-ventilated area and seek medical attention if necessary.
c. Inhale more of the vapor to build immunity.

ANSWER

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c. Notify the instructor and follow proper cleanup procedures.

What should you do in case of a chemical spill on your skin?
a. Rinse with water for a few seconds and continue working.
b. Immediately wipe the area with a paper towel.
c. Rinse the affected area with copious amounts of water for at least 15 minutes.

When handling chemicals, why is it important to read labels carefully?
a. To memorize chemical names.
b. To check the color of the chemicals.
c. To identify potential hazards and follow proper handling instructions.

Why is it important to wear personal protective equipment (PPE) in the laboratory?
a. It's a fashion statement.
b. To protect yourself from potential hazards and injuries.
c. PPE is only necessary for certain experiments.

ANSWER

What is the correct way to smell a chemical in the laboratory?
a. Inhale deeply to get a better sense of the odor.
b. Waft the odor towards your nose using your hand.
c. Place your nose directly over the container and take a strong sniff.

If a fire breaks out in the laboratory, what is the first action you should take?
a. Try to put out the fire with water.
b. Use the fire extinguisher.
c. Immediately exit the laboratory and notify the instructor.

What should you do if you accidentally break a glassware in the laboratory?
a. Leave it on the floor for someone else to clean up.
b. Pick up the larger pieces with your hands.

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