# Chemical Management Safety Quiz

Name: 

Date: 

Study the Lawson Chemical Safety Presentation before completing this quiz. Carefully read each question and then click the box located beside the correct answer(s). Please submit the completed quiz to **hien.nguyen@lawsonresearch.com**

1. Toxicity is a measure of:

[ ]  a. The rate at which a chemical makes you sick

[ ]  b. The poisoning strength of a chemical

[ ]  c. The environmental contamination the chemical can cause

1. In the laboratory, Personal Protective Equipment (PPE) must only be used when working with toxic or corrosive chemicals

[ ]  a. True

[ ]  b. False

1. Skin contact with chemicals can be avoided with the use of:

(Check all that apply)

[ ]  a. Soap and water

[ ]  b. gloves

[ ]  c. lab coat

[ ]  d. closed-toe shoes

[ ]  e. long pants

[ ]  f. all of the above

1. Contact with a chemical on an open wound or cut would be considered:

[ ]  a. injection

[ ]  b. inhalation

[ ]  c. a contact burn

[ ]  d. ingestion

1. Fume hoods can be used to safely work with biological agents: True or False?

[ ]  a. True: because the fume hood will safely remove the biological agent

[ ]  b. False: the biological agent will contaminate the fume hood and HVAC system

1. Liquids stored on lab shelves:

[ ]  a. Can be stored at any height

[ ]  b. Can be stored with solid compounds and elements

[ ]  c. Should be stored no higher than the shoulder height of the shortest person in the lab

[ ]  d. Should be stored at eye height of the tallest person in the lab

1. Glacial Acetic Acid is listed as a Class 3/Class 8 flammable-corrosive liquid. It should be stored:

[ ]  a. Under the sink

[ ]  b. In an approved flammable cabinet

[ ]  c. In an approved corrosive cabinet

[ ]  d. On the shelf with the general lab chemicals

1. When working with non-volatile toxic chemicals, the following PPE should be used:

(Check all that apply)

[ ]  a. Goggles

[ ]  b. Safety Glasses

[ ]  c. Gloves

[ ]  d. Lab coat

[ ]  e. Safety boots

[ ]  f. A surgical mask

[ ]  g. A face shield

1. Is this statement correct? Solutions of Sulphuric Acid and Sodium Hydroxide can be safely stored together.

[ ]  a. Yes, they are compatible

[ ]  b. Yes, because they are both liquids

[ ]  c. Yes, because nothing will happen if they mix

[ ]  d. No, they can violently react depending on their concentration

1. Which of the following are Physical Hazards? (Check all that apply)

[ ]  a. Flammable

[ ]  b. Carcinogen

[ ]  c. Irritant

[ ]  d. Oxidizer

[ ]  e. Organic Peroxide

[ ]  f. Toxic Agent