

TOPIC 1.1: LABORATORY SAFETY RULES

1. The diagram shows Osman getting ready to carry out an experiment on mixing an acid with an alkali. Which safety precaution did Osman forget?
(SPE/2009/Q1)

- A. He should wear gloves.
- B. He should wear a laboratory coat.
- C. He should wear safety goggles.
- D. He should wear a mask.



2. What is the correct procedure for students to follow if a chemical is spilled in the laboratory?
(SPE/2010/Q1)

- A. Ask to go to the toilet.
- B. Run out of the room quickly.
- C. Splash large amount of water onto the spill.
- D. Stand back and inform the teacher of the spill immediately.

3. When you finish working with chemicals, biological specimens, and other laboratory substances, always _____.
(SPE/2011/Q4)

- A. treat your hands with skin lotion.
- B. wash your hands with soap and water.
- C. wipe your hands on a towel.
- D. wipe your hands on your clothes.

4. Which of the following is the correct safety rule in the laboratory?
(SPE/2013/Q2)

- A. Dispose corrosive liquids and solid into the sink.
- B. Point the mouth of test tube away from your friend.
- C. Pour the used solutions back into the bottle.
- D. Tamper with electrical sockets.

5. Which of the following is the most appropriate step to take following an accident in the laboratory?
(SPE/2014/Q1)

- A. Report to the teacher immediately.
- B. Run to your friends and ask for help.
- C. Run out of the laboratory.
- D. Sit silently and pretend nothing happened.

6. Study the diagram in figure below. Which of the following safety precautions should be taken by these students when heating some liquid in a test tube?

(SPE/2017/Q2)

- A. Cover the mouth of the test tube with a rubber bug.
- B. Use a wire gauze and tripod stand when heating.
- C. Place the workbook near the burner.
- D. Point away the mouth of the test tube from another person.



7. Below are some hazard symbols with its description. Which symbol matches its description?

(SPE/2013/Q1)

Symbol	Description
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- A. Biohazardous substance.



- B. Corrosive substances.



- C. Harmful in small doses

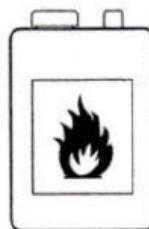


- D. Irritating substances

8. A bottle containing kerosene shown in figure below is labeled with a hazard symbol. What does this symbol represent?

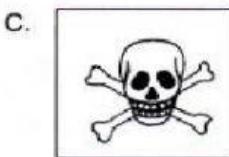
(SPE/2015/Q1)

- A. Biohazard.
- B. Explosive.
- C. Flammable.
- D. Radioactive.



9. Most car batteries contain acids which are corrosive. Which of the following symbol should be shown on car batteries?

(SPE/2016/Q1)



10. Figure below shows a glue that is used for fixing broken glass. It has a hazard symbol on it.

What does the hazard symbol means?

(SPE/2017/Q1)

- A. Corrosive.
- B. Explosive.
- C. Flammable.
- D. Toxic.



11. Figure below shows a plastic bag labelled with a hazard symbol. What does the hazard symbol tell us about the contents of the bag?

(SPE/2018/Q2)

- A. They are biohazardous.
- B. They are corrosive.
- C. They are explosives.
- D. They are radioactive materials.



12. Which of the following items is the best method to put out fire in a person's hair or clothes?

(SPE/2018/Q1)

