

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.

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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.

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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.

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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.

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

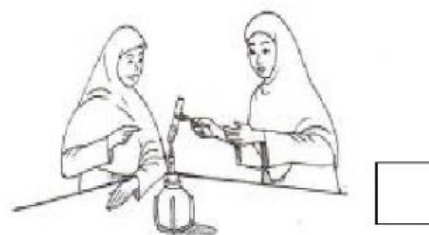
A. Report to the teacher immediately.
B. Run to your friends and ask for help.
C. Run out of the laboratory.
D. Sit silently and pretend nothing happened.

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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



- 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)


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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.

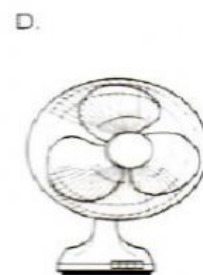

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11. Figure below shows a plastic bag labelled with a hazard symbol. What does the hazard symbol tell us about the contents of the bag?
(SPE/2018/Q2)

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


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12. Which of the following items is the best method to put out fire in a person's hair or clothes?
(SPE/2018/Q1)


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