

WRITTEN EXERCISE #01 - T14.1

TOPIC: 14.1 ELEMENTS, COMPOUNDS AND MIXTURES

Answer all questions.

1. Which statement is the correct definition for Element?

- A. Element is a substance that contain two or more types of elements and compounds
- B. Element is a substance that contain only one type of atom
- C. Element is a substance that contain two or more types of elements joined together by chemical binds
- D. Element is a substance that contain one or more types of elements chemically joined together

☐

2. Which statement is the correct definition for Compound?

- A. Compound is a substance that contain two or more types of elements and compounds
- B. Compound is a substance that contain only one type of atom
- C. Compound is a substance that contain two or more types of elements joined together by chemical binds
- D. Compound is a substance that contain one or more types of elements chemically joined together

☐

3. Which statement is the correct definition for Mixture?

- A. Compound is a substance that contain two or more types of elements and compounds
- B. Compound is a substance that contain only one type of atom
- C. Compound is a substance that contain two or more types of elements joined together by chemical binds
- D. Compound is a substance that contain one or more types of elements chemically joined together

☐

4. Which of the following is an example of elements?

- A. Air, salt water, glucose solution
- B. Water, salt, sulfuric acid
- C. Lithium, Carbon, Chlorine
- D. Water, Lithium, sulfuric acid

5. Which of the following is an example of compounds?

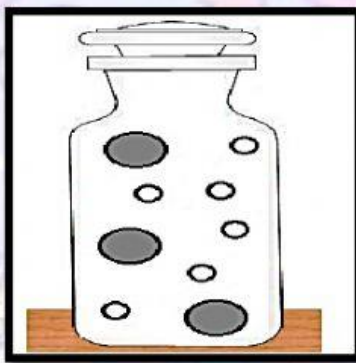
- A. Air, salt water, glucose solution
- B. Water, salt, sulfuric acid
- C. Lithium, Carbon, Chlorine
- D. Water, Lithium, sulfuric acid

6. Which of the following the example of mixtures?

- A. Air, salt water, glucose solution
- B. Water, salt, sulfuric acid
- C. Lithium, Carbon, Chlorine
- D. Water, Lithium, sulfuric acid

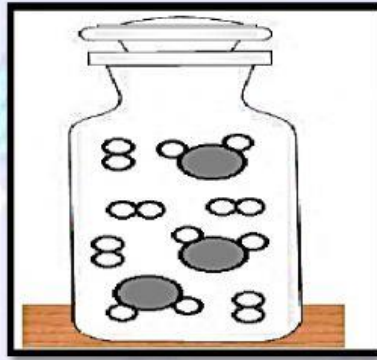
7. Identify the diagrammatic presentation below:

- A. Mixture of elements
- B. Mixture of compounds
- C. Mixture of elements and compounds



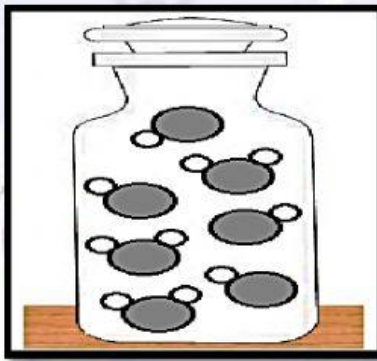
8. Identify the diagrammatic presentation below:

- A. Mixture of elements
- B. Mixture of compounds
- C. Mixture of elements and compounds



9. Identify the diagrammatic presentation below:

- A. Mixture of elements
- B. Mixture of compounds
- C. Mixture of elements and compounds



10. Which of the following can be broken down by physical method?

- A. Elements only
- B. Elements and mixture
- C. Mixture only
- D. Compound and Mixture

