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

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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

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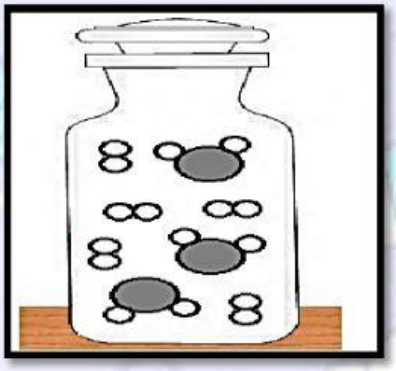
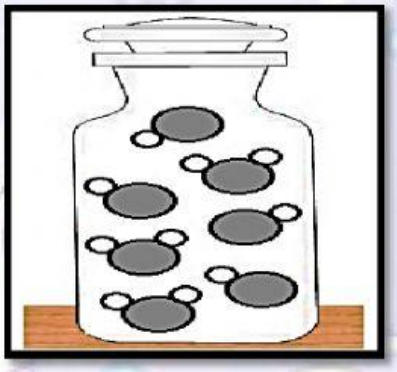
8. Identify the diagrammatic presentation below:

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

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