

**Chapter 2 - ELEMENTS, COMPOUNDS AND MIXTURES****Section-A**

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**Q.1** Out of the following which one is a Metalloid:

A) Mg      b) Si      c) K      d) C

2. Elements have definite MP or BP but not compounds. [T/F]

3. One liquid element is \_\_\_\_\_ .

4. \_\_\_\_\_ elements are mono atomic in nature.

5. The mass ratio of elements of CO<sub>2</sub> is \_\_\_\_\_ .

6. Among the following which one retains the properties of their corresponding elements :

A) elements      b) compounds      c) mixture      d) none of these

7. The convenient method to separate the mixture of diesel and water is \_\_\_\_\_ .

**Section-B**

1. Why H<sub>2</sub>O is said as a compound where as H<sub>2</sub> and O<sub>2</sub> are said as elements .

2. How can you separate the mixture of Ammonium Chloride and sugar ?

3. Write three differences between compounds and mixture.

4. What is Fractional Distillation ? How is it different from Simple Distillation ?

5. What is Chromatography ? What is its application , any one .

**Section-C**

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1. Describe with neat and la-belled diagram how to separate the following components of the given mixture :  
Sand, camphor and iron filings.
2. How can you separate the major components of crude petroleum by fractional distillation method, explain clearly.