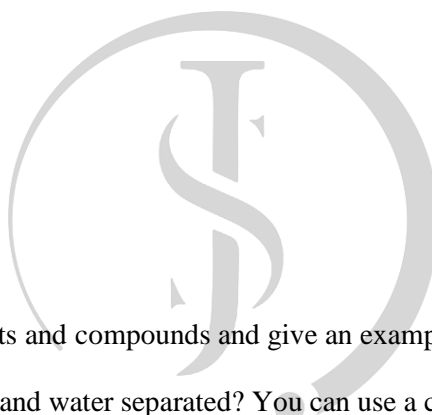


UNIT – 10 – MATTER AROUNDS US**I. Answer in brief (2/3 marks)**

1. Differentiate between absorption and adsorption.
2. Define Sublimation.
3. A few drops of 'Dettol' when added to water the mixture turns turbid. Why?
4. Name the components in each of the following mixtures.
 - i. Ice cream
 - ii. Lemonade
 - iii. Air
 - iv. Soil
5. How will you separate a mixture containing saw dust naphthalene and iron filings?
6. Define elements and compounds.
7. Differentiate mixture and compound.
8. What is homogeneous and heterogeneous mixtures?
9. Define adsorption and absorption.
10. What is Brownian movement?
11. Define Tyndall effect.
12. What are the types of emulsions?

II. Answer in a paragraph (5 marks)

1. Write the differences between elements and compounds and give an example for each.
2. How is a mixture of common salt, oil and water separated? You can use a combination of different methods.
3. Explain the process of solvent extraction.
4. Explain paper chromatography.
5. Explain simple distillation process.



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