Educonclave

Science (Class V)

Nature of Matter: Elements, Compounds and Nature (Subjective)

1. Define element with an example.
2. What is a compound?
3. Mention two properties of mixtures.
4. Give two examples of mixtures found in daily life.
5. What is the difference between evaporation and filtration?
6. Compare elements, compounds, and mixtures (any 3 points).
7. Explain two physical methods of separating mixtures with examples.
8. Describe the properties of a compound.
9. Why is air considered a mixture?
10. What is the significance of the periodic table in classifying matter?
11. Draw and fill a table comparing elements, compounds, and mixtures under:
    - Composition
    - Separation
    - Examples
    - Formation method
12. Describe the methods used to separate sand and salt mixture.
13. Explain with examples how a mixture retains the properties of its components.
14. Why can a compound not be separated physically? Support with an example.
15. Discuss the role of atoms in forming elements and compounds.