



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Physical Science

Class: 8

Date: 03.07.21

Duration: 40 min

Worksheet 32

Full Marks: 15

ELEMENTS COMPOUNDS AND MIXTURES/SEPARATION OF MIXTURES

Choose the Correct options:

1. Which is the suitable method to separate soluble solid from liquid

 - a) Crystallisation
 - b) Sublimation
 - c) Sieving
 - d) Filtration

5. Which method is involved in the preparation of sugar from sugarcane juice

 - a) Filtration
 - b) Evaporation
 - c) Crystallisation
 - d) All the above

6. Can a mixture be separated?

 - a) No
 - b) Yes
 - c) Irrelevant
 - d) Sometimes

7. A change that occurs without changing the chemical makeup is a

 - a) Chemical Change
 - b) Color change
 - c) Physical Change
 - d) Substance Change

8. A solution that contains a large amount of solute is best described as

 - a) Unsaturated
 - b) Concentrated
 - c) Dilute
 - d) weak

9. Which of these mixture types would have visible particles that could settle to the bottom of the mixture?

 - a) Suspension
 - b) Solution
 - c) Colloids
 - d) alloy

10. An element can be broken down into simpler substances by...

 - a) physical means
 - b) chemical means
 - c) Both chemical and physical means
 - d) elements can't be broken down

11. Which of these is NOT a pure substance?

 - a) Elements
 - b) Compounds
 - c) Mixtures
 - d) they are all pure substances

12. An example of a homogeneous mixture would be:

 - a) Salad
 - b) Perfume
 - c) Pizza
 - d) cheese mix

13. Air is a mixture of
- a) Liquids
 - b) Gas
 - c) Solids
 - d) liquids and gases
14. Which one of the following is NOT an example of a separation technique?
- a) boiling an egg
 - b) fishing net
 - c) surgical mask
 - d) tea strainer
15. Which one of the following is a disadvantage of evaporation?
- a) It always requires heat
 - b) It cannot be used for insoluble solids
 - c) All of the solute is recovered
 - d) The solvent is not recovered