ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Physical Science **Class: 8** **Date: 02.05.20**

Duration: 40 min **Worksheet 23** **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