



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 14.04.20

Duration: 40 min

Worksheet Solution 28

Full Marks: 15

ELEMENTS, COMPOUNDS AND MIXTURES/ SEPARATION OF MIXTURES

Choose the Correct options:

1. Separation of common salt from the sea water is by
 - (a) sieving
 - (b) evaporation**
 - (c) magnetic separation
 - (d) winnowing

2. The method used to separate substances differing in colour, size and shape from a solid mixture
 - (a) magnetic separation
 - (b) decantation
 - (c) handpicking**
 - (d) sieving

3. In a mixture, solids of different size can be separated by
 - (a) magnetic separation
 - (b) winnowing
 - (c) sieving**
 - (d) evaporation

4. The method used to separate the seeds from the fruit juice is
 - (a) filtration**
 - (b) sieving
 - (c) crystallization
 - (d) winnowing

5. Iron fillings present in rava and tea dust can be separated by
 - (a) hand picking
 - (b) magnetic separation**
 - (c) sieving
 - (d) evaporation

6. The clear liquid above the sediment is called
 - (a) suspended liquid
 - (b) residue
 - (c) supernatant liquid**
 - (d) filtrate

7. Which of the following is not used to separate the mixture of solid and liquid
 - (a) Sieving**
 - (b) Decantation
 - (c) Sedimentation
 - (d) Filtration

8. Which of the following method is applied to remove the impurities such as bran, husk, stone and worms from flour
- (a) **Sieving**
 - (b) Hand picking
 - (c) Filtration
 - (d) Evaporation
9. Which of the following is used to separate lighter particles from heavier particles
- (a) Evaporation
 - (b) Hand picking
 - (c) **Winnowing**
 - (d) Magnetic separation
10. Which of the following method is not used to separate soluble solids from solid-liquid mixture?
- (a) **Decantation**
 - (b) Evaporation
 - (c) Condensation
 - (d) Crystallisation
11. The process of conversion of vapour into liquid is called
- (a) evaporation
 - (b) **condensation**
 - (c) sublimation
 - (d) filtration
12. The dust particles which remain on the filter paper is called
- (a) anode mud
 - (b) filtrate
 - (c) supernatant liquid
 - (d) **residue**
13. In evaporation process, the change that takes place is
- (a) solid to vapour
 - (b) vapour to solid
 - (c) solid to liquid
 - (d) **liquid to vapour**
14. By which method, salt is separated from sea water
- (a) **Evaporation**
 - (b) Sublimation
 - (c) Condensation
 - (d) Sedimentation
15. Which is the suitable method to separate soluble solid from liquid
- (a) **Crystallisation**
 - (b) Sublimation
 - (c) Sieving
 - (d) Filtration