



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Physical Science

Class: 8

Date: 28.06.21

Duration: 40 min

Worksheet Solution 31

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?
- Decantation**
 - Evaporation
 - Condensation
 - Crystallisation
11. Which process is involved in the separation of sand and water?
- Decantation
 - Sedimentation
 - Filtration
 - All the above**
12. The dust particles which remain on the filter paper is called
- anode mud
 - filtrate
 - supernatant liquid
 - residue**
13. In evaporation process, the change that takes place is
- solid to vapour
 - vapour to solid
 - solid to liquid
 - liquid to vapour**
14. By which method, salt is separated from sea water
- Evaporation**
 - Sublimation
 - Condensation
 - Sedimentation
15. Suitable method to separate lighter impurities from a mixture
- winning**
 - handpicking
 - evaporation
 - magnetic separation