



## ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject- Physical science Worksheet- -18 Class – 7**
- **Date -29.04.2020**

- **Chapter-, Compounds and Mixtures**

- **Answer the following questions (MCQ) : (1×15):**

Q1. The process of heating a liquid mixture to form vapours and then cooling the vapours to get pure component is called \_\_\_\_\_

- a) Crystallisation
- b) Distillation
- c) Chromatography
- d) Sublimation

Q2. Porcelain pieces are put into the distillation flask to avoid \_\_\_\_\_

- a) Overheating
- b) Uniform boiling
- c) Bumping of the solution
- d) None of the mentioned options

Q3. The boiling point of chloroform is \_\_\_\_\_

- a) 334K
- b) 286K
- c) 350K
- d) 298K

Q4. The boiling point of aniline is \_\_\_\_\_

- a) 438K
- b) 370K
- c) 338K
- d) 457K

Q5. How aniline and chloroform can be separated?

- a) Sublimation
- b) Condensation
- c) Distillation
- d) Evaporation

Q6. Which of the following is not separated through distillation process?

- a) Acetone water
- b) Aniline chloroform
- c) Impurities seawater
- d) Milk water

Q7. Which of the following will vaporize faster?

- a)Aniline
- b)Chloroform
- c)Water
- d)Kerosene

Q8. The distilled water is collected in \_\_\_\_\_

- a)Receiver
- b)Adapter
- c)Condenser
- d)Roundbottomflask

Q9. The process of distillation is used for the liquids having \_\_\_\_\_

- a) Sufficient difference in their boiling point
- b) Sufficient difference in their melting point
- c) Sufficient difference in their solubility
- d) None of the mentioned

• Q10. The residue in the round bottom flask is \_\_\_\_\_

- a)Volatile
- b)Nonvolatile
- c)Noneofthementioned
- d)Volatile&Nonvolatile

• Q11. Destructive distillation where a solid material is heated without air to make by products.

a)True

b)False

• Q12. Distillation is the process of separating a substances from a liquid by evaporation and condensation.

a)True

b)False

Q13. The first step of simple distillation is to heat the flask slowly until it starts to boil.

a)True

b)False

- Q14. Fractional Distillation the separation process in which the volatile components of a mixture are combined with another by heating

a)True

b)False

- Q15. There are 3 types of distillation.

a)True

b)FalseTeacher- Piyali Halder