



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

TERM- 3

Subject- Physical Science Worksheet- 3 Class – 9

Date- 13.11.2020

Topic- Separation of Mixtures

CHOOSE THE CORRECT OPTION- (MCQ)

MARKS : 1× 15

Q1. Handpicking is used for separating

- A. Hetrogeneous mixture
- B. Homogeneous Mixtures
- C. elements
- D. none of these

Q2. Muddy water can be purified using

- A. sedimentation
- B. separating funnel
- C. boiling
- D. none of these

Q3. Based on difference in boiling point the liquid can be separated from its constituent by

- A. sedimentation
- B. filtration

C.fractional distillation

D.distillation

Q4.Crude petroleum can be separated into its constituent by

A.separating funnel

B.distillation

C.filteration

D.fractional distillation

Q5.Oil and water can be separated from

A.fractional distillation

B.separating funnel

C.distillation

D.Sedimentation

Q6. In salt and sea water the pure water which is separated by distillation is known as

A.Distillate

B. Soluble component

C. Mixture

D.compounds

Q7.In iodine and chloroform mixture iodine is

A.distillate

B. Soluble solid component

C. mixtures

D. None of these

Q8. Sawdust + water is which type of mixture

A. solid + liquid

B. liquid + liquid

C. solid + solid

D. none of these

Q9. In fractional distillation of petroleum the first product is

A. kerosene

B. diesel

C. Petroleum ether

D. petrol

Q10. The oil which is mixture of hydrocarbons is

A. crude petroleum

B. acetone

C. ethyl alcohol

D. None of these

Q11. Name of the oil used as lubricants for machine

A. lubricating oil

B.vaseline

C.Kerosene

D. Diesel

Q12. Boiling point of chloroform is

A.6 degree Celcius

B.61 degree Celcius

C.80 degree Celcius

D.78 degree Celcius

Q13.Fractional distillation is applicable in which mixture

A.liquid liquid with difference in boiling point

B.solid solid

C.solid liquid

D.none of these

Q14.The process of converting liquid into vapour by heating and then condensing to get pure liquid is called

A.distillation

B.separating funnel

C. Solubility

D.none of these

Q15.Boiling point of benzene is

A.300 degree Celcius

B.80.1 degree Celcius

C.200 degree Celcius

D.64 degree Celcius

Name of the Teacher- Piyali Halder