



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject- Physical science** Worksheet- 17 Class – 7
- **Date -28.04.2020**

- **Chapter- Elements, Compounds and Mixtures**

- **Answer the following questions (MCQ) :**

(1×15):

Q1. A solid substance is dissolved in water. Which of the following methods is used for separating it?

- (a) Distillation
- (b) Evaporation
- (c) Filtration
- (d) Decantation

Q2. Iron is separated from the mixture by:

- (a) magnetic separation
- (b) sedimentation
- (c) winnowing
- (d) Sieving

Q3. The process of settling down of the particles of an insoluble solid in a liquid is called.

- (a) decantation
- (b) sedimentation
- (c) winnowing
- (d) Sieving

Q4. Air is a:

- (a) pure substance
- (b) heterogeneous mixture
- (c) the compound of oxygen and nitrogen
- (d) homogeneous mixture

Q5. Oil and water can be separated through

- (a) filter paper
- (b) distillation
- (c) evaporation
- (d) separating funnel

Q6. Which of the following is a heterogeneous mixture?

- (a) a salt solution
- (b) a salt-pepper mixture
- (c) air
- (d) a fizzy ddrink

Q7. Which of the following is a homogeneous mixture?

- (a) mist
- (b) a sand-water mixture
- (c) an oil-water mixture
- (d) a nitrogen-oxygen mixture

Q8. Tiny pieces of stones are usually separated from pulses before cooking by the method called

- (a) threshing
- (b) sieving
- (c) hand picking
- (d) winnowing

Q9. The process of changing vapour into its liquid is called

- (a) condensation
- (b) loading
- (b) winnowing
- (d) evaporation

Answers:

Multiple choice questions.

1. (c) 2. (a) 3. (b) 4. (d) 5. (d)
6. (b) 7. (a) 8. (c) 9. (a)

• **Q10.**

To get salt out of a solution (separating salt from water) we could try.....

- A.
Melting it
- B.
Evaporating the water so the salt is left behind
- C.
Using a magnet
- D.
Eviserating the water off
- E.
Using the solute to redissolve it

• **Q12.**

If Jo wants to get the iron filings out of some sand, what could she use to separate these two solids?

- A.
A magnet
- B.
Evaporation
- C.

Decanting

- **Q13.**

Evaporation means going from a liquid to a _____. [Choose from: liquid, solid, gas]

- **Q14.**

Melting means going from a _____ to a liquid. [Choose from: liquid, solid, gas]

- **Q15.**

Condensing means going from a gas to a _____. [Choose from: liquid, solid, gas] **HINT!** Dew is water condensing out of the air onto the grass.

Teacher-Piyali Halder