



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

TERM- 3

ANSWERS

Subject- Physical Science Worksheet- 4 Class – 9

Date- 14.11.2020

Topic- Separation of Mixtures

CHOOSE THE CORRECT OPTION- (MCQ)

MARKS : 1× 15

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

(c) Filtration

2. Iron is separated from the mixture by:

(a) magnetic separation

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

(b) sedimentation

4. Air is a:

(d) homogeneous mixture

5. Oil and water can be separated through

(d) separating funnel

6. Which of the following is a heterogeneous mixture?

(b) a salt-pepper mixture

7. Which of the following is a homogeneous mixture?

(a) mist

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

(c) hand picking

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

(a) condensation

10. Materials which contain two or more substances in any proportion are called——

a.Mixtures

11.—— mixtures are not uniform in appearance and composition.

b.heterogeneous

12.Cereals like wheat and rice are sources of_____.

a.carbohydrates

13. The process in which a liquid change into vapour is called_____.

a.evaporation

14._____ is a process of separating the component of substances from a liquid mixture by selecting evaporation and condensation.

a.distillation

15. . There are four mixtures A, B, C and D. The mixture A contains sand and sugar, mixture B contain chalk powder and salt, mixture C contains salt and sugar, whereas mixture D contains sugar and charcoal powder. Which one of these mixtures cannot be separated by using water as a solvent?

Answer Mixture C.

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