

IS MATTER AROUND US PURE? - Class IX - Paper Set 1

1. Which of the following is a pure substance?
 - (a) Air
 - (b) Milk
 - (c) Sodium chloride
 - (d) Soil
2. What type of mixture is soda water?
 - (a) Homogeneous
 - (b) Heterogeneous
 - (c) Suspension
 - (d) Colloid
3. Which of the following will not show the Tyndall effect?
 - (a) Salt solution
 - (b) Milk
 - (c) Starch solution
 - (d) Suspended mud
4. Which separation technique is used to separate cream from milk?
 - (a) Filtration
 - (b) Centrifugation
 - (c) Distillation
 - (d) Sublimation
5. What is the dispersed phase in a foam?
 - (a) Solid
 - (b) Liquid
 - (c) Gas
 - (d) Plasma
6. Which of the following is an example of a compound?
 - (a) Air
 - (b) Sodium chloride

- (c) Sea water
 - (d) Soil
7. Which gas in air is the solvent?
- (a) Nitrogen
 - (b) Oxygen
 - (c) Carbon dioxide
 - (d) Argon
8. What type of solution is tincture of iodine?
- (a) Gas in liquid
 - (b) Solid in liquid
 - (c) Liquid in gas
 - (d) Solid in solid
9. In which type of mixture can the components be seen separately?
- (a) Solution
 - (b) Suspension
 - (c) Homogeneous mixture
 - (d) Alloys
10. Which is a heterogeneous mixture?
- (a) Sugar solution
 - (b) Milk
 - (c) Vinegar
 - (d) Soda water

True Answers:

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