



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 26.06.21

Duration: 40 min

Worksheet 30

Full Marks: 15

ELEMENTS COMPOUNDS AND MIXTURES/MIXTURES

Choose the Correct options:

- 1) Which of the following best describes a chemical mixture?
 - A. A compound made from different elements
 - B. A substance made through chemical bonding
 - C. When two substances are combined, but are not chemically bonded
 - D. All of the above
- 2) Which of the following is NOT a property of a mixture?
 - A. The components can be easily separated
 - B. The original properties of the combined substances are changed
 - C. The proportion of the components is variable
 - D. Two or more substances are combined
- 3) Which of the following is an example of a homogeneous mixture?
 - A. Salt water
 - B. Metal alloys
 - C. Air
 - D. All of the Above
- 4) In what type of mixture are the substances evenly distributed throughout the mixture?
 - A. Homogeneous
 - B. Heterogeneous
 - C. All types of mixtures
 - D. No types of mixtures
- 5) What is the substance that dissolves in a solution called?
 - A. Solvent
 - B. Suspension
 - C. Solute
 - D. Colloid
- 6) Salt water is an example of what type of mixture?
 - A. Alloy
 - B. Suspension
 - C. Solution
 - D. Heterogeneous
- 7) Which of the following statements is true about mixtures and solutions?
 - A. Solutions are heterogeneous mixtures
 - B. A solution is a type of mixture
 - C. All mixtures are solutions
 - D. All of the above
- 8) What type of mixture is steel?
 - A. Alloy
 - B. Suspension
 - C. Solution
 - D. Heterogeneous
- 9) Which of the following is a mixture between a liquid and a solid where the solid does not dissolve?
 - A. Alloy
 - B. Suspension
 - C. Solution
 - D. None of the Above
- 10) What type of mixture is milk?

- A. Suspension
 - B. Solution
 - C. Colloid
 - D. None of the Above
- 11) When salt is mixed into water it becomes
- A. element
 - B. compound
 - C. mixture
 - D. solute
- 12) Alloys include
- A. steel
 - B. brass
 - C. bronze
 - D. all of them
- 13) What is a mixture?
- A. a combination of elements to make a new substance
 - B. a chemically combined substance
 - C. a combination of substances where new substances are formed through a reaction
 - D. a combination of substances in which the atoms of the substance do not chemically combine
- 14) In a solution which part of the solution is the solute: ice tea mix or water?
- A. ice
 - B. tea mix
 - C. water
 - D. ice tea
- 15) What is a substance that is dissolved in another substance?
- A. Solution
 - B. Solute
 - C. Solvent
 - D. compound