



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



**Sub: Physical Science**

**Class: 8**

**Date: 30.04.20**

**Duration: 40 min**

**Worksheet 21**

**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