



Name: **Class:** A5..... **Date:**

I. Read and circle the correct answer

1. Which of the following is in a liquid state?

- A. juice B. oxygen C. bowl

2. What happens when water boils at 100 degrees Celsius?

- A. It changes from a liquid to a gas.
B. It changes from a liquid to a solid.
C. It changes from a gas to a liquid.

3. The substances in a mixture do not ____ their properties.

- A. change B. dissolve C. soluble

4. Which of the following DOES NOT make a chemical change?

- A. breaking an egg B. frying an egg C. burning firewood

5. Which of the following is TRUE?

- A. No new substances are formed after a chemical change.
B. Boiling water is an example of a chemical change.
C. When a chemical change occurs, a substance turns into another substance.

6. Which of the following DO NOT make a solution?

- A. sugar and juice B. milk and tea C. water and oil

7. What is the state of water at room temperature?

- A. solid B. liquid C. gas

8. Which of the following factors identifies a chemical change?

- A. sound B. size C. smell

8. Liquid water changes to a _____ state when the temperature is 0 degrees Celsius.

- A. liquid B. solid C. gas

9. In a mixture, the substances _____.

- A. change into new materials B. keep their own properties C. disappear

10. Which of the following statements is CORRECT?

- A. The substances that do not dissolve into one another make a solution.
- B. We have a solution when one substance dissolves into another.
- C. We can make a solution from oil and water.

11. Which of the following makes a solution?

- A. salt and water
- B. pepper and sugar
- C. meat and vegetables

12. Why does sugar form a solution with water?

- A. Because sugar is soluble in water.
- B. Because sugar is insoluble in water.
- C. Because sugar is sweet.

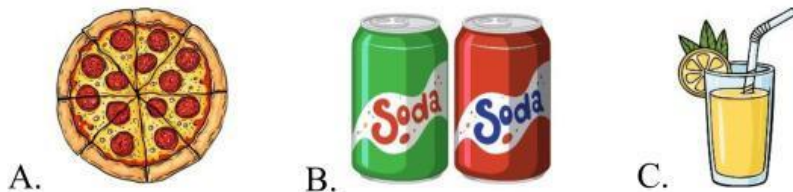
13. When we put the sand into the water, it becomes a ____.

- A. solution
- B. mixture
- C. substance

14. Which of the following is TRUE?

- A. Liquids do not have fixed shapes.
- B. Solids and liquids have fixed shapes.
- C. Solids do not have fixed shapes.

15. Which of the following is a mixture?



16. Find the substance that is insoluble in water.



17. What are the three main states of matter?

- A. solid, liquid, and gas
- B. water, gas, and solid
- C. gas, air, and solid

18. We DO NOT identify a chemical change through _____.

A. taste

B. size

C. colour

19. Salt mixed with water forms a _____.

A. mixture

B. solid

C. solution

20. Which of these is a change of states?

A. Iron rusting

B. Wood burning

C. Water freezing

II. Fill in the blanks with ONLY ONE WORD OR ONE NUMBER.

1. Wood is a _____ because it has a fixed shape.

2. Ice freezing is an example of the change of _____.

3. In a chemical change, a _____ turns into something new.

4. The picture shows a _____.



5. Water changes from a liquid to a _____ when you boil the water.

