

Please Circle the letter of the correct answer for Questions 1-5.

1) List three PHYSICAL PROPERTIES of matter?

(a) _____

(b) _____

(c) _____

2) List three CHEMICAL CHANGES?

(a) _____

(b) _____

(c) _____

3) Define each of the following with regard to the Tyndall test.

(a) Suspensions-

(b) Solutions-

(c) Colloids-

4) When separating a mixture you will use _____ properties/changes.

5) Describe each of the following states of matter with regard to movement.

(a) Solid-

(b) Liquid-

(c) Gas-

6) Define FILTRATION.

7) Define DISTILLATION.

CP Chemistry
Introduction Test

8) List two examples of ELEMENTS?

(a) _____

(b) _____

9) List two examples of COMPOUNDS?

(a) _____

(b) _____

10) Define HOMOGENEOUS MIXTURE and give an EXAMPLE.

11) Define HETEROGENEOUS MIXTURE and give an EXAMPLE.

12) What type of change results in the formation of a new substance? CHEMICAL or PHYSICAL

13) Explain the three (3) phases of matter with respect to shape and volume. **(3 points)**

14) Choose any substance that you are familiar with and describe how you could change this substance physically and then how you could change this substance chemically. **(2 points)**

15) What two categories of matter are considered Pure Substances?