

Chemistry Level I : Mid-term II

(Chapters 6-10)

1. List three different mixtures and a few of the items that each contain (e.g. cake: eggs, milk, flour).

a. _____

b. _____

c. _____

2. Define the following in your own words.

a. homogeneous mixture

b. heterogeneous mixture

a. What does the Greek word *homos* mean? _____

b. What does the Greek word *genos* mean? _____

c. What does the Greek word *heteros* mean? _____

3. This three ways to separate mixtures.

4. In your own words, describe the technique called chromatography.

5. In your own words define *carbohydrate* and give an example.

6. What is a saccharide and explain the difference between a monosaccharide, an oligosaccharide, and a polysaccharide.

7. Give several examples of objects that you know which are made of polymers.

8. What happens to natural rubber when it is heated with sulfur?

9. Give the name of two biological polymers.

10. What is the name of the repeating units that make up protein? DNA?
