Chemistry

**I.Fill in the blanks**

1.\_\_\_\_\_ are constituted by more than one kind of pure form of matter.

2. A mixture in which various constituents are mixed uniformly is called\_\_\_\_\_\_\_ mixture.

3.A mixture that is not uniform throughout is called \_\_\_\_\_\_mixture.

4. \_\_\_\_ and \_\_\_\_\_ are components of solution.

5.A \_\_\_\_\_\_ is a homogenous mixture of two or more substances.

6.A \_\_\_\_\_\_ is a heterogenous mixture in which the particles are very small and cannot be seen with naked eyes.

7.A\_\_\_\_\_\_ is a heterogenous mixture in which the particles are visible to the naked eye.

8.\_\_\_\_\_ and \_\_\_\_\_ are components of Colloidal Solution.

9.An\_\_\_\_\_\_ is a basic form of matter that cannot be broken down into simpler substances by chemical reactions.

10.A \_\_\_\_\_\_\_ is a substances composed of two or more elements, chemically combined with one another in a fixed proportion.

**II.Answer the following**

1.What is the matter?

2.What are mixtures?Give an example of mixture

3.Can we separate sodium chloride by physical method?

3.What are heterogenous Mixtures? Give an example.

4.What are homogenous Mixtures? Give an example.

5.What is a Solution? Write the Properties of solution.

6. What is Saturated and Unsaturated solution?

7. What is Concentrated and Dilute Solution?

8.What is Concentration of solution? Write three methods for expressing the concentration of solution.

9.What is a suspension? Write the properties of Suspension.

10.What is a colloidal Solution?Write the properties of colloidal Solution.

11.What are pure substances?

12.What is Elements? Explain the classification of Elements.

13.What are Compounds?

BIOLOGY

**I.Answer the following**

1.Define the term “tissues”.

2. Explain the Classification of Tissues

3. Explain the Classification of Plant Tissues.

4.What are meristematic tissues? Show the location of meristematic tissue in plant body

5. Explain the classification of Permanent Tissues.

6.Explain the Classification of simple permanent tissues?

7.Explain Parenchyma(Chlorenchyma and Arenchyma) , Collenchyma and sclernchyma ,

8. Explain Complex Permanent Tissues(Xylem And Phloem).

9. What are Epithelial Tissues? Types of Epithelial Tissues

10.What are connective tissues ? Explain types of Connective Tissues.

11.What are Muscular tissues? Explain the types of Muscular tissues

12.Draw a labeled diagram of neuron