

E.S.MARIE. ADELAIDE

KAMONYI DISTRICT

Facilitator: Habimana Noel(0788895153)

MODEL QUATIONS OF CHEMISTRY S1A&S1B

- 1.What is chemistry
- 2.What is the importance of studying chemistry
- 3.Explainn how chemistry is applied in traditional societies in Rwanda
- 4.Describe any ten important products in your daily life which come from chemistry
5. In chemistry ,we study matter in terms of its.....and.....
- 6.Outline any five careers one can take after studying chemistry
- 7.Explain the importance of chemistry in daily life
8. Explain how chemistry contributes to the economy of your county
9. Define the following terms which are so important in the study of chemistry
 - a)A laboratory
 - b) A laboratory apparatus
 - c) An experiment
10. State :
 - a) Any five laboratory rules and regulations
 - b) Any five reasons why laboratory rules and regulations are important
- 11.Draw a well labeled diagram of a luminous Bunsen flame
- 12.What reasons explain the type of Bunsen flame most suitable for heating in the laboratory
13. Give the names and draw diagrams of any four laboratory pieces of apparatus described as funnel
- 14.Identify any four pieces of apparatus that can be used to measure volume in the laboratory

15. Bunsen burner is an important heating apparatus in the laboratory

a) Draw a well labeled diagram of a Bunsen burner

b) State the function of each part

16. matter is made up of particles in a state of random motion.

a) Describe how the particles move in:

i) Solid

ii) Liquid

iii) Gases

b) what name is given to the following changes of state:

i) Solid to Solid

ii) Liquid to Gas

iii) Gas to Solid

17. a) Define the following terms

i) Physical change

ii) Chemical change

b) Give any three examples of physical and chemical changes in your daily life

c) Describe any three differences between physical and chemical change

18. State any two common examples of chemical and physical change in your daily life

19. Explain the link between chemistry and:

a) Geography

b) Agriculture

20. State whether the following statements are **true** and **false**

a) The particles of a liquid are attracted to one another, but cannot move past each other.

b) The atoms of a solid are very far apart and vibrate in fixed positions.

c) Heating a gas completely stops all of its particles from motion

d) Air has mass