S.1 HOLIDAY WORK CHEMISTRY

1. State any three laboratory rules.

2. Give three reasons why it is important to study chemistry.

3. Name two types of apparatus used for heating in a chemistry laboratory.

4. What is a flame?

5. (a) Name two types of Bunsen flames you know.

(b) Give six differences between the flames you have named in (a) above

6. Draw a well labeled diagram of a Bunsen flame and give the uses of each labeled part.

7. Outline the steps taken when lighting a Bunsen burner.

8. (a) Explain what is meant by ' burning back' of a Bunsen flame.

(b) What causes ' burning back'?

(c) State what can be done when ' burning back' takes place.

9. With the help of a well labeled diagram, describe an experiment to show that a Bunsen flame contains a region of Un burnt gas.

10. Draw the following laboratory apparatus and give their uses.

i) Filter funnel

ii) Beaker

iii) Spatula

iv) Test tube

v) Separating funnel

vi) Conical flask

vii) Burette

viii) Round bottomed flask

ix) Tripod stand

x)Dropper

END