**KIKONGE HIGH VIEW SCHOOL**

**END OF TERM TWO S.2 CHEMISTRY, 2023.**

**TIME: 2HOURS.**

**INSTRUCTIONS; Answer all questions.**

**SECTION A**

1. (a) (i) what do you understand by the term “indicator” as used in chemistry.

(ii) State the main importances of indicators as used in chemistry.

(iii) Give any two indicators commonly used in the laboratory.

1. (a) Give any three areas in chemistry which contribute to the economy of Uganda.

(b) Why is chemistry important in your everyday life?

3. (a) Engineers need to know that substances expand when they are heated. Give three examples where engineers use this information to design things.

(b) Define any 2 processes that lead to change in state of matter.

4. Give any 5 elements with their correct symbols.

**SECTION B**

5. Describe an experiment which can be carried out to obtain salt that has been accidentally mixed with sand.

6. You are required to carry out an experiment that requires an acid-base indicator. In case your school laboratory does not have an acid – base indicator, explain how improvise one to use in your experiment.

7. using a clearly labeled diagram, describe how the water cycle happens.

8. Using well labeled diagram(s) describe how rusting takes place.

**END.**

**JB.**