

NAMUGANGA SENIOR SECONDARY SCHOOL.

DEPARTMENT OF CHEMISTRY.

SENIOR 1 CHEMISTRY DISCUSSION QUESTIONS, 2023

Instructions: In a group of two, research about these questions in text books or internet, discuss, write the answers on ruled paper and submit to Mr. Nsubuga Kenneth on Monday 13th March, 2023 before 10:00 am. Work submitted beyond this time will **NOT** be accepted.

WARNING; Do not just copy the answers from the internet or books. Write in your own words. Plagiarism is punishable.

- 1 (a) What is meant by the following terms.
 - (i) Science. (1 mark)
 - (ii) Chemistry. (1 mark)
- (b) Distinguish between the following.
 - (i) Rusting and rotting. (2 marks)
 - (ii) Combustion and burning. (2 marks)
- (c) Mr. Kigonya of Namuganga SSS instructed students of S3 to burn liter of dry leaves that had dirtied the School Compound.
 - (i) State what was observed. (1 mark)
 - (ii) Describe the changes that took place. (3 mark)
 - (iii) State the conditions necessary for the reaction. (2 marks)
 - (iv) State the two forms of energy produced by the above reaction. (2 marks)

- (v) State one importance and two problems of burning of materials in nature. (3 marks)
- (d) A school gardener forgot a Panga in a garden for one night. He got it in the morning.
- (i) State what was observed on a Panga. (1 mark)
 - (ii) Name the process that took place. (1 mark)
 - (iii) Outline the conditions that promoted the process in d(ii). (3 marks)
 - (iv) State two advantages and three disadvantages of the process (5 marks)
 - (v) Describe an experiment to show that oxygen is necessary for rusting. (Diagram not required).
 - (vi) Explain any two methods of preventing rusting (4 marks)
- (e) State five reasons why Chemistry is compulsory at your School. (5 marks)

THE END

Welcome to Secondary, Welcome to Chemistry.