

Name:Stream:

Signature:

CHEMISTRY

Paper 1

March, 2024

1¾ hrs.

UGANDA CERTIFICATE OF LOWER SECONDARY EDUCATION

END OF TERM ONE EXAMS 2024

S.1 CHEMISTRY

Paper 1

1 hours 45 minutes

INSTRUCTIONS

Answer **all** questions.

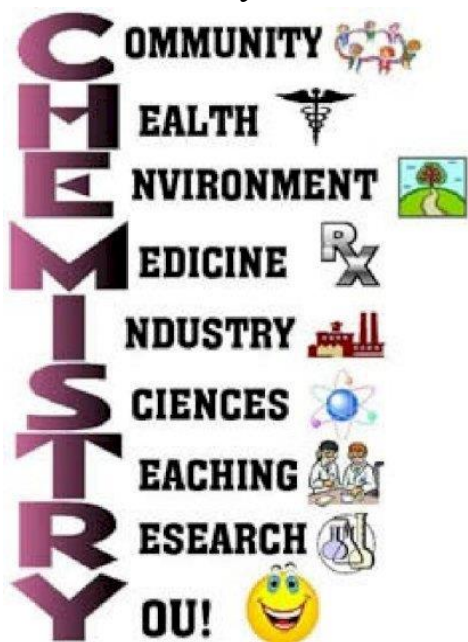
Answers must be filled in the spaces provided.

FOR EXAMINER'S USE ONLY

Question No.	1	2	3	4	5	Total
Score						

SECTION A:

1. Chemistry involves the study of how different substances change colours, shape, size and forms when reacted with another material or a set of substances. Chemistry has its roots well-settled in almost every aspect of our lives. It is so intricately involved in various processes, we fail to notice them at times.



Using examples, explain the role of chemistry in following sectors

(a) Agriculture

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(b) Health

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(c) Industry

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(d) Transport

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(e) Security

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2. Study the picture below that show's unsafe behaviour of learners in a chemistry laboratory.



(a) Identify three unsafe activities shown in this laboratory.

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(b) If any of the dangers identified in a) above happened, write down what you would do.

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(c) What piece of safety equipment should be used to put out the fire?

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(d) If you were in charge of this laboratory, write down 5 rules you would setup to safeguard students against such activities

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SECTION B:

3. Roko construction company has just completed a chemistry laboratory block in your community school. As a senior one student studying chemistry, advise the school administration on the common apparatus that they may need to purchase for the laboratory. Mention the uses of the apparatus and draw a diagram to illustrate each apparatus identified.



4. Many youth in our country are unemployed largely because there are a lot of unexploited opportunities which can be addressed by knowledge of chemistry. They seem not to know how they can use chemistry to solve their socio-economic challenges.



You have been selected, as a young chemistry student, to explain to the youth in the convention how chemistry contributes to the economy of Uganda and can solve their socio-economic challenges. Write down your speech that you will present to the youth.