

S.1 CHEMISTRY END OF TEM ONE 2023 CHEMISTRY ASSESSMENT EXAM

Name:Stream:

School:

minutes

TIME: 1Hour: 30

Uganda Certificate of Education

Chemistry

Paper 1

INSTRUCTIONS:

- This paper consists of *three* questions.
- Answer *all* questions in the spaces provided.
- Illustrations in form of drawings should be made where necessary, with a sharp pencil.

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<i>Number</i>	<i>Score</i>	<i>Teacher's comment</i>
<i>1.</i>		
<i>2.</i>		
<i>3.</i>		

- Throughout ages, curiosity has made man to explore more about his surrounding and the things that make livelihood meaningful. In doing so, a lot of knowledge about substances has been built up, this partly makes up what we call **chemistry**.

(a) Give a brief description of the meaning of the term **chemistry**. **(01 marks)**

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- (b) Chemistry is said to be a laboratory science. Give a reason why chemistry is categorized as a laboratory science. **(01 mark)**

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- (c) The figure below shows some examples of important chemical reactions in our daily life.



- (a) Study them carefully and write down one importance of each of them in our daily life.

Write your answers in the table below;

(08 marks)

<i>Chemical reaction</i>	<i>How it is important in our daily life</i>

2. Chemistry is one of the most prestigious science subjects studied at the secondary level of Education. When you study chemistry, you not only acquire knowledge about many chemical reactions and other substances, but you can also take up various careers after school.

(a) Identify any three careers that you can take up through studying chemistry. **(03 marks)**

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(b) Briefly describe how the knowledge of chemistry has been applied in the following field in the Ugandan economy;

(i) Agriculture. **(03 marks)**

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(ii) Medicine. **(02 marks)**

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(iii) Cosmetics industry. **(02 marks)**

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3. The list below shows some apparatuses used in a chemistry laboratory, draw and state one use of each in a Chemistry lab. **(10 marks)**

<i>Apparatus</i>	<i>diagram</i>	<i>Uses</i>
beaker		
Bunsen burner		
Filter funnel		
Test tubes		

END