

Name.....Centre/Index No.....

Signature

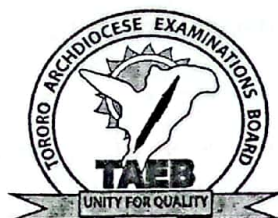
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CHEMISTRY

Paper 2

July/August 2024

2 Hours



TORORO ARCHDIOCESE EXAMINATION BOARD

Uganda Certificate of Education

MOCK EXAMINATIONS 2024

CHEMISTRY PRACTICAL

PAPER 2

2 Hours

INSTRUCTIONS TO CANDIDATES

This paper consists of one compulsory examination item. Answers to the item are to be written in the spaces provided in the booklet. Use blue or black ink.

All working must be clearly shown. Graph paper will be provided.

Mathematical tables and silent non-programmable scientific calculators may be used.

You are not allowed to use reference books (i.e text books, books on qualitative analysis etc)

Candidates are advised to carefully read the item, make sure they have all the apparatus and chemicals they may need and then plan appropriately before starting.

Turn Over

Item 1

Most health centres in Uganda use Sulphur when mixed with other chemical substances for the treatment of skin conditions. The large number of patients in the various health centres has increased the demand of sulphur. Sulphur can be produced by the reaction between sodium thiosulphate and dilute hydrochloric acid according to the equation:



The pharmacists have advised that concentration of the above chemicals used to produce sulphur must be adjusted for a better yield of sulphur because it affects the rate of the reaction.

You are provided with:

BA1 which is sodium thiosulphate solution and **BA2** which is dilute hydrochloric acid.

Task

As a learner of chemistry;

- (i) Design an experiment you will carry out to determine the effect of concentration on the rate of reaction between **BA1** and **BA2**.

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