

Names:.....**Index. No:**.....

School Exam Number.....**Signature:**.....

*Candidates should **NOT** write their Centre Name
or Centre Number anywhere on this booklet*

545/2
CHEMISTRY
(PRACTICAL)
Paper 2
13 August 2024
2 hours



ENTEBBE JOINT EXAMINATION BUREAU

Uganda Lower Secondary Certificate of Education

CHEMISTRY

Paper 2

PRACTICAL

2 hours

INSTRUCTIONS TO CANDIDATES:

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

All working must be clearly shown.

A graph paper will be provided

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

You are not allowed to use reference books

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.

Item one

During the annual science week in a certain school, learners were educated about a critical step in waste treatment involving a reaction between sodium thiosulphate and acids. To enhance the eco-friendly processing of industrial waste, the trainers want the learners to investigate the effect of concentration on the reaction rate. However the learners do not know how to do it.

You are provided with:

BA1 which is a solution of sodium thiosulphate

BA2 which is a solution of an acid *Q*

Task

- (a) As a chemistry learner,
- (i) Design an experiment you will carry out to investigate the effect of concentration on the reaction between **BA1** and **BA2**.

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[illegible]

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(iv) What conclusions can you make about your investigations?

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