

Student's Name: Steam:

Signature:

Random No.					Personal No.		

(Do not write your School/ Centre Name or Number anywhere on this booklet.)

545/2

CHEMISTRY

Practical

Paper 2

November 2024

2 hours



ASK INTEGRATED TEACHER'S EXAMINATIONS BUREAU LTD

Uganda Lower Secondary Certificate of Education

END OF YEAR ASSESSMENT 2024

CHEMISTRY PAPER 2

SENIOR THREE

(Practicals)

2 Hours

INSTRUCTIONS TO CANDIDATES:

This paper consists of one compulsory examination item;

Answers 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 in good hardworking writing
Mathematical table and silent non-programmable scientific calculator may be used.*

You are not allowed to use reference books. (i.e. text books, phones 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.

ITEM

Mulishid, one of the serious learners from senior three class at SJN in Nakanyoni always reports to school with 3 bars of soap that he uses to wash using a certain water sample. He explained to his parents on the visitation day that he uses a lot of soap during washing with one of the water samples at school.

This made the parents to make consultations from the chemistry teacher who advised Mulishid to start using another type of water sample to use. You have been contacted for help.

You are provided with the following;

Water samples X and Y from the water sources in the school

BA₁ solution which is soap solution

Task:

As a chemistry learner, use the apparatus provided to you to;

- (a) Design an investigation you can carry out to help Mulishid and his parents (your design should include the aim, hypothesis, variables, apparatus and materials, procedures, risks and mitigations)

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END