Candidate's Name:		
Signature:	Random No.	Personal No.
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(Do not write your School/ Centre Name or Number anywhere on this Booklet.)

545/2 CHEMISTRY Paper 2 (Practical) Oct./Nov. 2024 2 hours



### UGANDA NATIONAL EXAMINATIONS BOARD

**Uganda Certificate of Education** 

**CHEMISTRY** 

Paper 2 (Practical)

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. Any work done in pencil except drawings and graph will not be scored.

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.

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.

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Turn over



# ITEM

pain. packs work on the principle of a substance mixing instantly with water, resulting into a cold solution, which can be applied onto an injured body part, thus relieving cold packs, which can be used to relieve pains of injured players. Normally, cold A sports Club ordered for supply of chemical compounds to be used for making A good cold pack is one that becomes cold in a short time.

to determine the most effective one. You have been contacted for help. to select the most effective chemical compound. However they are stuck as to how Two chemical compounds were delivered to the Club management and they want

You are provided with the following: -

Sports Club management. Equal masses of solids, X and Q, which are compounds that were supplied to the

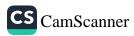
## lask:

As a student who has studied Chemistry, use the materials availed to you to;

(a) design an experiment you can carry out to help the Club management. materials, procedure, risks and their mitigations.) (Your design should include; aim, hypothesis, variables, apparatus and

<b>CS</b> CamScanner
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																		(b) carry out the experiment and record your results.										
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<u>o</u> analyse your results and advise the Club management accordingly. S Turn Over

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Do not write in this margin

UGANDA UGAN	UGANDA NATIONAL EXAMINATIONS BOARD  UGANDA CERTIFICATE OF EDUCATION  OCTOBER - NOVEMBER 2024	E
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