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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.

#### **ITEM**

A sports Club ordered for supply of chemical compounds to be used for making cold packs, which can be used to relieve pains of injured players. Normally, cold 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 pain. A good cold pack is one that becomes cold in a short time.

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

You are provided with the following: -

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

#### Task:

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

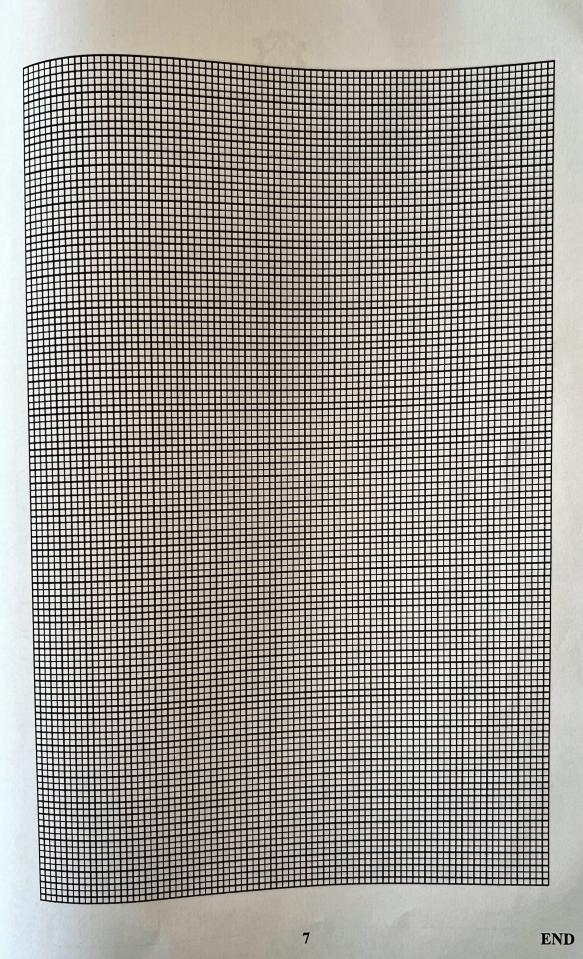
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# UGANDA NATIONAL EXAMINATIONS BOARD UGANDA CERTIFICATE OF EDUCATION OCTOBER – NOVEMBER, 2024

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