

Candidate's Name:

Signature:

Random No.						Personal No.		

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

500/2
GENERAL
SCIENCE
Paper 2
2024
1½ hours



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Certificate of Education

GENERAL SCIENCE

Paper 2
Chemistry

1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES:

*This paper consists of **two** sections; **A** and **B**. It has **four** examination items.*

*Section **A** has **two** compulsory items. Answers to these items are to be written in the spaces provided.*

*Section **B** has **two** items. Answer **one** item from this section. Answers to these items **must** be written in the answer booklets provided.*

Any additional item answered will not be scored.

*Answer **three** items in all.*

SECTION A

Answer **all** items from this section.

Item 1.

A girl was sent to a nearby shop to buy salt. It accidentally poured and got mixed with sand. She collected it and took it to her mother. Her mother simply poured water into the contents sieved off the sand using a piece of cloth. She kept the filtrate for future use.

Task:

As a general science chemistry student;

- (a) Explain to the girl how it was possible for the mother to obtain pure salt.

- (b) Show the difference between the salt from the shop and the salt the girl took to her mother.

- (c) Give the importance of the filtrate at home.

SECTION B

Answer one item from this section.

Item 3.

The government of Uganda is planning to set up another copper production plant in Kilembe – Kasese District. The science club members in your school would like to know how the process of production will be carried out, its environmental impact and uses of copper.

Task:

As a general science chemistry student write a presentation you will deliver to the science club members.

Item 4

An investor wants to setup a factory to produce iron from its natural source in Muko- Kabale District. However, the community around would like to know how the industrial process is done, its environmental impact and the uses of iron.

Task:

As a general science chemistry learner, write a presentation you will deliver to the community.