

NAME:.....STREAM:.....

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CHEMISTRY

(THEORY)

PAPER 1

JUNE,2023

WAMATOVU MUSLIM SEED SECONDARY SCHOOL

MID TERM EXAMINATIONS,2023

Uganda Certificate of Lower Secondary Education

S.3 CHEMISTRY

1 HOUR 30 HOURS

INSTRUCTIONS TO CANDIDATES:

Answer all items in this paper.

Responses should be written on the answer sheets provided.

1. Wamatovu seed secondary school laboratory lacks a learning material they can use to study the chemistry of elements. Most chemistry lessons about different elements have not been successful due to lack of the study material.

Periodic table of the elements

Legend:

- Alkali metals
- Alkaline-earth metals
- Transition metals
- Other metals
- Other nonmetals
- Halogens
- Noble gases
- Rare-earth elements (21, 32, 57-71) and lanthanoid elements (57-71 only)
- Actinoid elements

Periodic table of the elements (showing elements 1 to 118, including the lanthanoid and actinoid series).

Lanthanoid series (f):

58	59	60	61	62	63	64	65	66	67	68	69	70	71
Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu

Actinoid series (f):

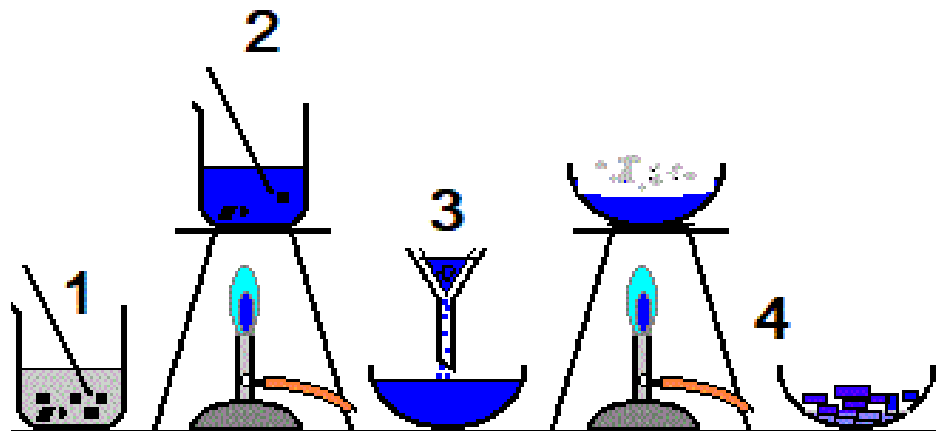
88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

^aNumbering system adopted by the International Union of Pure and Applied Chemistry (IUPAC). © Encyclopædia Britannica, Inc.

Having been elected as the academic prefect you would wish to make such an innovation in school.

Prepare a message that will convince the school administration about the issue

2. Salt is an additive that makes food delicious, food is always tasteless without salt. During today's lunch, you realised that the salt wasn't enough in the food, however when you and your colleagues approached the cooks for an addition they told you it was done. Your colleagues ran out of patience and threatened to strike. But with enough knowledge you acquired from chemistry you wish to educate them on how the problem can be solved with the available materials.



Write a speech you will deliver to your colleagues to avoid future problems.

2. Mwebe is an esteemed business man dealing in charcoal burning. His business is the major source of income to his family. However, he has recently received complaints from his neighbours and many promised to report him to the environmentalists. Unfortunately, he only looks at his business as his main source of income.



Task

Help Mwebe to live in harmony with his neighbours.

THE END