

**MINISTRY OF SCIENCE AND VOCATIONAL TRAINING
KINONDONI MUNICIPALITY
MAKUMBUSHO SECONDARY SCHOOL
TERMINAL EXAMINATION - CHEMISTRY
FORM ONE.**

TIME: 2:00 Hours Year: 2023

Instructions:

1. *This paper consist of section A, B and C with a total of ten (10) questions*
2. *Answer all questions*
3. *All answers must be written in the spaces provided*
4. *All answers must be in blue or black ink EXCEPT diagrams which must be in pencil*

SECTION A (15 Marks)

Answer all questions in this section

1. For each of the items (i) - (x), choose the correct answer from the given alternatives and write its letter in the box provided.

i. Why is floppy or loose cloth not allowed in the laboratory?

- A. It may catch fire or cause to fall
- B. It will move fast
- C. it cause poor ventilation in the body
- D. it will get wet when water splashes

ii. The amount of air entering the Bunsen burner can be controlled by adjusting the opening of the.....

- A. Collar
- B. Base
- C. Jet
- D. Barrel

iii. It is necessary to boil drinking water in order to

- A. Remove impurities
- B. Remove oxygen
- C. increase taste
- D. kill germs

iv. A fixed volume 25cm^3 of distilled water in the laboratory can be measured by using a.....

- A. Beaker
- B. Burette
- C. Pipette

D. Measuring cylinder

v. A student whose hands are spilled out by acid in the laboratory should _____ as first aid.

- A. Rinse the affected area by dilute acid
B. Rinse the affected area by dilute base
C. Wash the affected area by running water
D. Wash the affected area by strong base

vi. Identify the name given to the burn caused by hot liquid or vapour.

- A. Scald
B. Scar
C. injury
D. Wound

vii. Which decision should be made if the results of an experiment do not support the stated Hypothesis?

- A. To use the results as an idea for further testing.
- B. To ignore the results and set a new experiment.
- C. To repeat the experiment in the same way.
- D. To identify a new problem

viii. Which change of state is involved when drying wet clothes?

- A. Liquid to solid
B. Solid to gas
C. Gas to liquid
D. Liquid to gas

ix.....is a warning sign used on car tanks transporting petroleum products

- A. Explosive
B. Flammable
C. Oxidant
D. corrosive

x. When a burning fuel produces blue colour it means there are:

- A. Adequate supply of oxygen with production of soot
B. Inadequate supply of oxygen with production of more heat
C. Inadequate supply of oxygen with production of soot
D. Adequate supply of oxygen with production of more heat

[illegible]

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