

**THE UNITED REPUBLIC OF TANZANIA**  
**MBOZI DISTRICT-SONGWE**  
**J.P.MAGUFULI SECONDARY SCHOOL**  
**FORM ONE MIDTERM EXAMINATION-2024**  
**CHEMISTRY**

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TIME: 2:30 Hours.

**INSTRUCTIONS:**

1. *This consists section A and B with a total of 10 questions*
2. *Answer all questions*
3. *All writing must be in blue or black ink, except drawing, which must be in pencil*
4. *Write your name on top of every page.*

**SECTION A (15 MARKS)**

1. Choose the most correct a answer among the given alternatives

i. The last step in the scientific procedure is

- A. Conclusion
- B. Report writing
- C. data analysis
- D. Hypothesis formulation

ii. A non -Luminous flame has

- A. Four zones
- B. Three zones
- C. Two zones
- D. Only one zone

iii. The following are the chemistry laboratory apparatus, except

- A. Crucible and lid, Evaporating dish and filter funnel
- B. Wire gauze, test tube rack and deflagrating spoon
- C. Burette, Pipette and conical flask
- D. Electronic balance, calorimeter and vernier caliper

iv. Fainting is a sudden loss of

- A. Consciousness
- B. Weight of body
- C. Confidence
- D. Water in the body.

- v. The most common Source of heat used in laboratory is the
  - A. Kerosine stove
  - B. Spirit lam
  - C. Petroleum gas burner
  - D. Bunsen burner
- vi. Factors in an experiment that can be manipulated to get desire
  - A. Controlled variables.
  - B. Manipulated variables
  - C. Dependent variables
  - D. Independent variables.
- vii. What is the use of painkillers found in a first aid Kit?
  - A. Killing harmful germs.
  - B. Act as an antibiotic
  - C. Relieve pain
  - D. Cure Malaria
- viii. A Bunsen burner produces the hottest flame when
  - A. The air holes in fully opened
  - B. The air holes are closed
  - C. Air holes are half open
  - D. Gas jar is open.
- ix. The following is not set of products made from the industrial a
  - A. Toothpaste and soap
  - B. Rain water and rock
  - C. Soap and Fertilizers
  - D. Fertilizers and antiseptics
- x. The following are applications of chemistry except
  - A. Oiling machine part
  - B. Gold mining
  - C. Preservation of food
  - D. Formation of infinite image in plane mirror

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