

**KITETO DISTRICT COUNCIL
DONGO SECONDARY SCHOOL
FORM TWO MIDTERM EXAMINATION
CHEMISTRY**

Time: 2: 30 hours March, 2023

INSTRUCTIONS:

1. *This paper consists of sections A, B and C with a total of ten (10) questions.*
2. *Answer all questions in sections A, and B and one (1) question from section C*
3. *Section A carries fifteen (15) marks, section B seventy (70) marks and section C carries fifteen (15) marks.*
4. *All writings should be in blue or black pen, except for diagrams that must be drawn in pencil.*
5. *All communication devices and any unauthorized materials are not allowed in the examination room.*
6. *Write your Full name at the top of every page.*

SECTION A (15 Marks)

Answer all questions

1. From the given alternatives (i) – (x), choose the most correct answer and write its letter in the space provided.
 - i) The welders prefer to use non-luminous flame for their work simply because
 - A. it is easily available
 - B. it is easy to transport
 - C. produces very hot flame
 - D. it can be made by kerosene
 - ii) Spatula in the laboratory is used for scooping what type of substance?
 - A. liquid and gasses
 - B. solid and liquids
 - C. powdery and gasses
 - D. solids and powdery
 - iii) Why is it necessary to boil drinking water?
 - A. to make it tasteless
 - B. to remove impurities
 - C. to kill microorganisms
 - D. to make them colorless

iv) Juma was very disturbed by rats in his house. He went to buy rat poison in order to kill them. The poison was kept in a packet. Which among the following warning signs is likely to appear on the packet?

- A. Skull and crossbones
- B. Corroded hand
- C. A flame
- D. Damaged property

v) Makata needs to know the most abundant element on the earth. As a chemist, which element is needed by Makata?

- A. Nitrogen
- B. Carbon
- C. Oxygen
- D. Iron

vi) One of the following series of methods explains the best ways of separating salt when mixed with sand.

- A. Evaporation, filtration and decantation
- B. Decantation, evaporation and filtration
- C. Decantation, filtration and evaporation
- D. Sedimentation, evaporation and filtration

vii) Access to safety equipment should never be blocked by any object because

- A. It is just a simple law
- B. There must be spaces for people to move around in the laboratory
- C. The equipment is used every day
- D. It is important to reach safety equipment quickly in case of any accident

viii) Fragile instruments such as camera, rusting can be prevented by

- A. by galvanization
- B. by use of silica gel
- C. by using oil
- D. by electroplating

ix) One of the following processes is chemical change

- A. wet cloth dry
- B. water evaporates from the surface
- C. food scrap turns into compost
- D. Bleaching agent

x) Air entering the Bunsen burner barrel can be controlled by

- A. air hole

- B. collar
- C. metal jet
- D. air ring

Qns	i	ii	iii	iv	v	vi	vii	viii	ix	x
Ans										

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