

**GATITU SECONDARY SCHOOL, P.O. BOX 327 – 01030, GATUNDU.**

**FORM 2 CHEMISTRY. END OF TERM I EXAMINATION. 2016.**

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Adm: \_\_\_\_\_

Instructions:

- 1) Write your name, adm. No and Class in space provided above.
2. Answer ALL questions in the spaces provided below each question.
3. (50 Marks)

1a) What is matter? (2mks)

b) Name the three states of matter (3mks)

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c(i) What is mass? 2mks

ii) Distinguish between mass and weight (2mks)

iii) Name any two apparatus for measuring mass (2mks)

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2a) What is a mixture? (2mks)

b) Mention any two physical means which can be used to separate a mixture. (2mks

c) Define the following terms

i) Conductors (1mk

ii) Non Conductors (1mk

iii)

3a) What is a drug? (2mks

b) What is meant by the term drug abuse (2mks

c) Name three frequently abused drugs. (3mks

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4a) Name any two apparatus for measuring time. (2mks)

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b) Name any two apparatus that are used as sources of heat in the laboratory. (2mks)

c(i) Name the suitable source of heat in the laboratory. (1mk)

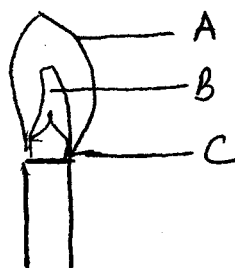
ii) The named apparatus above consist of three major parts. Name the parts. (3mks)

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5. The following diagram represents a non-luminous flame that is produced by the suitable source of heat in the laboratory.



a) Name parts of the flame labeled A, B, and C (3mks)

A

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B

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C

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b) Which of the parts in (a) above is the hottest? (1mk)

c) A non-luminous flame is preferred for heating. Give two reasons why it is preferred. (2mks)

d(i) Name the other type of flame produced by a Bunsen burner. (1mk)

ii) Under what conditions does the Bunsen burner produce the flame you have named in d(i) above. (1mk)

e) After use, a non luminous flame should be put off or adjusted to a luminous flame. Explain (2mks)

