

ADM.....NAME.....CLASS.....

**GATITU SECONDARY SCHOOL P.O. BOX 327-01030 GATUNDU
FORM ONE CHEMISTRY END-TERM TEST
TERM I 2015**

Instructions

- ❖ Write your name and admission number in the spaces given above.
- ❖ Answer all the questions in the spaces provided

1. What is chemistry? (1mks)

2. Differentiate between conductors and non-conductors. (1mks)

3. What is a mixture? (1mks)

4. State two physical properties of
(i) Solids (2mks)

(ii) Liquids (2mks)

(iii) Gases (2mks)

5. State any three career opportunities that can be offered to a student who has excelled in chemistry. (3mks)

(i)

(ii)

(iii)

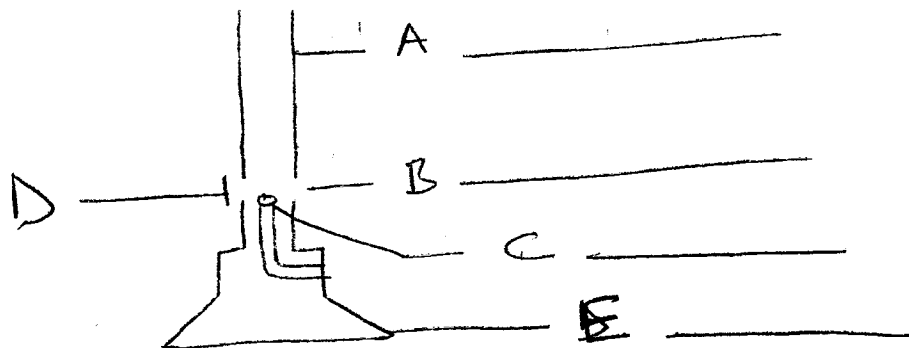
6. Give three sources of heat in the laboratory other than the Bunsen burner. (3mks)

(i)

(ii)

(iii)

7. The diagram below represents a Bunsen burner. Study it and answer the questions that follow.



On the diagram name parts A,B,C,D and E. (5mks)

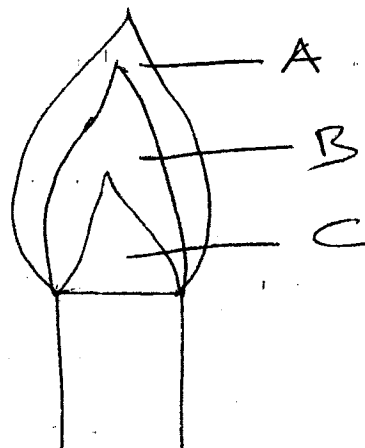
What is the function of parts B, C and D. (3mks)

Part B

Part C

Part ~~B~~ D

8. Below is a diagram of a flame obtained in a Bunsen burner. Study it and answer the questions that follow.



(a) What is a flame? (1mks)

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

A

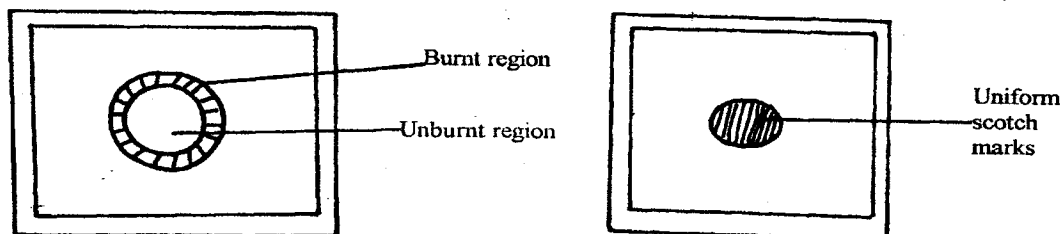
B

C

(c) What name is given to the type of flame represented by the diagram above? (1mk)

(d) State how you would obtain the above flame after lighting the Bunsen burner. (1mk)

9. The diagram below shows the appearance of two pieces of paper placed in different parts of a one of the bunsen burners and removed quickly before they caught fire.



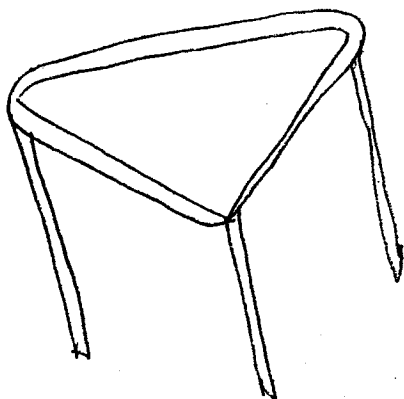
- (a) What type of flame was used. (1mk)
- (b) What do the experiments show about the outer region of the flame? (1mks)
- (c) From the above experiment, which part of the flame is better to use for heating? Give a reason. (2mks)
10. (a) What is a drug? (1mks)
- (b) Give two drugs that are commonly abused by the youth. (2mks)
- (c) State two effects of drug abuse. (2mks)
11. State any five laboratory rule with respect to
- (i) Moving into the laboratory. (1mk)
 - (ii) Holding test tubes and boiling tubes when heating.. (1mk)
 - (iii) Handling flammable substances. (1mk)
 - (iv) When an accident occurs such as fire. (1mk)
 - (v) When a chemical gets on your skin or in your mouth. (1mk)

12. a) Draw the following apparatus in the spaces provided

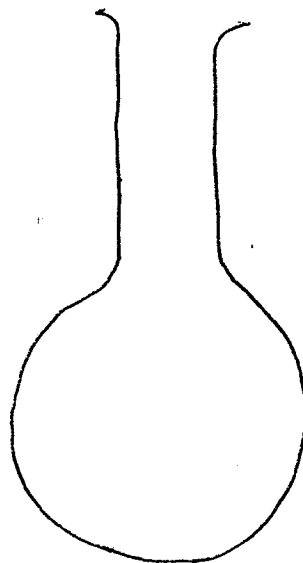
Apparatus	Diagram
Beaker	(1mks)
Conical flask	(1mks)
flat bottomed flask	(1mks)
Measuring cylinder	(1mks)
Mortar and pestle	(1mk)

b) Name the following apparatus.

(2mks)



(i)



(ii)