**ELERAI M.C.K GIRLS SECONDARY SCHOOL**

**PO BOX 435**

**SULTAN HAMUD**

***Motto “discipline and hard work for excellence”***

***CHEMISTRY FORM 1***

***OPENING CAT I TERM II 201***

1. what is a mixture (2mks)
2. Explain why most laboratory apparatus are made of glass. (3mks)
3. Name 3 frequently abused drug (3mks)
4. By use of diagram, show the difference between two types of flames produced by the Bunsen burner. (6mks)
5. Other than the Bunsen burner name 3 apparatus used as a source of heat in the laboratory. (3mks)
6. Give the functions of the following parts of Bunsen burner. (8mks)
7. gas inlet
8. jet
9. collar
10. air hole
11. Give the function of the following apparatus (10mks)
12. evaporating dish
13. crucible
14. thistle funnel
15. Desiccator
16. De-flagrating spoon

b) Draw the following apparatus (10mks)

i) Boiling tube

ii) Spatula

iii) Conical flask

1. Wash bottle
2. Motor and pestle
3. Differentiate between a conductor and non conductor (4mks)

a)What is laboratory (1mk)