

FORM 1 CHEMISTRY

KAGONDON SECONDARY SCHOOL

MID TERM 1 2016

1. a) Define the term matter as used in chemistry (1mk)

b) Explain the following components of chemistry

i) Physics (1mk)

ii) Chemistry (1mk)

c) Give two state of matter (2mks)

2. Give five methods of separating mixtures (5mks)

3. Define the term drug (2mk)

4. Describe the following roles of chemistry in the society

(i)Washing/cleaning (2mks)

(ii)Understanding chemicals of life (2mks)

(iii)Baking (2mks)

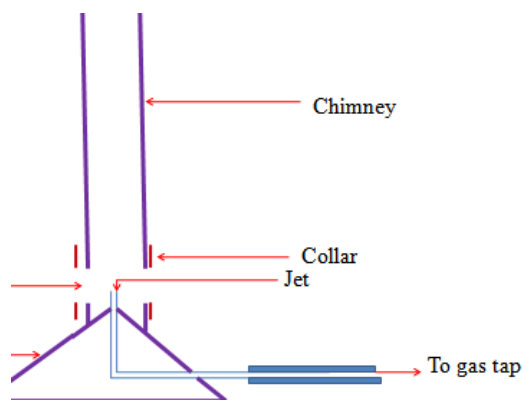
(vi)Fractional distillation of crude oil (2mks)

v) Manufacture of synthetic compounds (2mks)

5. Give four rules followed when operating in the school laboratory (4mk)

6. Give five apparatus commonly used in the lab (5mks)

7. The diagram below represents a heating apparatus used in the lab. Study and answer the following questions.



a) Name the apparatus (1mk)

b) Give the functions of the following parts as indicated in the apparatus

i) Chimney (1mk)

ii) Collar (1mk)

iii) Jet (1mk)

c) On the diagram, indicate the base (1mk)

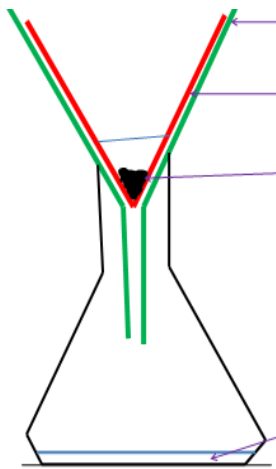
8. Give the two classifications of substances (2mk)

9. Describe the uses of the following alloys

i) Brass (1mk)

ii) Bronze (1mk)

10. The diagram below shows a method of separating mixtures.



a) Name the method (1mk)

b) Give two substances that can be separated using the method above (2mks)