

# Printout

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## FORM 1

### CHEMISTRY

#### TERM 1 2017

1. Name three measuring instrument used in the laboratory (3 marks)
2. State two rules used in the laboratory (2 marks)
3. Draw a well labelled diagram of a luminous flame
4. Kismet accidentally mixed sodium chloride with ammonium chloride particles. Describe the most suitable way of separating the two salts (3 marks)
5. Give the functions of the following when separating a mixture of liquids with different boiling point
  - a) Fractionating column.
  - b) Liebig's condenser
6. Name the two properties used in chromatography (2 marks)
7. Distinguish between a compound and a mixture. (2 marks)
8. Write down the chemical equations for the reactions between the following;
  - a) Magnesium and Oxygen (2 marks)
  - b) Iron and Sulphur when heated (2 marks)
9. Define the following terms used in chemistry
  - a) acid (1 mark)
  - b) base (1 mark)
  - c) Write down a word equation for the reaction between an acid and a base (2 marks)
  - d) Name one strong acid (1 mark)
10. Name three methods used to prevent rusting. (1 mark)