

QUESTIONS ON APPARATUS AND LABORATORY RULES

1. What apparatus do we need to carry out the following steps in an experiment?

- a) Measure 200ml of water and boil the water.
- b) Take out 10 drops of liquid A from bottle Q and 10 drops of liquid B from bottle P. Then mix A and B.
- c) Measure 5g of salt and 100ml of water. Dissolve the salt in water by mixing and stirring them.

2. What apparatus do we need in order to carry out the following steps in an experiment?

- i. Measure 7ml of water and boil the water.
- ii. Measure the temperature of the boiling water.
- iii. Measure 20g of salt and 100ml of water.

3. As a student who now understands what chemistry is and how it is studied. Prepare a brief message to deliver to new student on; the importance of the laboratory in the study of chemistry, detailing why they should not enter the laboratory and carry their own experiments without instruction from a teacher or laboratory worker.

4. Make a brief procedure on how to obtain a pure crystals of common salt from a dirty mixture of sand, water and common salt.