

# NANZIGA PARENTS' SECONDARY SCHOOL

## PRACTICAL TEST CHEMISTRY 545/2

**TIME: 2 HOURS**

### Item 1

Nowadays, many people are venturing into the soapless powdered detergents production business. But rumors are some people simply crush dry soap into a powder and then package it with a label soapless detergent. New products Detergent C and Detergent D have come on market and the government is so much on protecting its citizens against fake products.

You are provided with solutions of the two detergents and a sample of hard water.

- a) As a learner of chemistry, if you are appointed to help, design an experiment you will use. (15 scores)

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**b) Carryout the experiment you designed in a), record the results, analyze them and give a trusted conclusion. (15 scores)**

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