

PHYSICS SENIOR ONE

NAME:.....CLASS AND STREAM.....

**INSTRUCTIONS TO CANDIDATES:**

*Instructions*

*Respond to all items in this paper*

*All items must start on a fresh page*

*Take density of pure water as  $1 \text{ g/cm}^3$*

**ITEM 1**

In an attempt to increase on the enrollment in your school. The school management saw it worthy to visit a certain near by primary school but to enrich on their presentation they chose you as a learner of physics to talk to the p7 candidates. However your physics teacher guided that you should talk about;

- ★ What physics is and Why it's very important for any one to study physics as a subject
- ★ The laboratory and the apparatus that exist there
- ★ The different branches of physics and what they deal with.

Task

Make your presentation following the way the teacher guided you .

**ITEM 2**

During an experiment, the laboratory technician provided water in a cylinder of radius 7cm and height 650cm.

However the teacher wondered if the water was pure.

**Task:**

- a)How can you determine the purity of water
- b) Determine the volume of water brought if the cylinder was full in it's SI units.

**END**