END OF TERM TWO ASSESSMENTS 2024
S.2 MATHEMATICS

Duration: 90 minutes   *Attempt both items*

Item one:

Peter went to the market for shopping foodstuffs. He had **two thirds** of the money needed to buy all the items but at hand, he had **Ugsh. 20,000**. He thought that when he gets all the money needed, would use it carefully and remains with some money for transport back home, but he is not aware about how to calculate it.

A Parent has twins who have to go to school. They usually pay **60%** of the **school fees** at the beginning and the rest on Visitation day according to school policy. School fees were increased to **Ugsh.600, 000** and now the Parent needs to know the school fees they are to pay for both of them at the beginning.

Twin A was sent to buy **2kg** of sugar but did not find sugar at the usual shop so he bought it at another shop and was given a balance of **Ugsh.37, 000** on the **Ugsh.50, 000** he went with. The mom asked him how much he was charged for each Kg but unfortunately, he did not ask the shop attendant.

Task:

(a) Help Peter understand the money he needs, the transport money; the fraction of the money left?

(b) What do you think Twin A was charged for a kg of sugar?

(c) The Parent is now confused of the school fees to pay at the beginning for both twins, help him?

Item two:

In **kapilabiyong** District, Women construct their houses since their Husbands are very stubborn and uncooperative at home. **Jane** who is a wife to **Roketch** decided to lay a foundation of the house she needs to construct. Her intentions are to construct a rectangular shaped house with;

▪   A side, which is **10m** longer than its width,
▪   A circular part for her "**karate**" training exercise inside a rectangular house that is in the Centre of the house whose diameter is **140m**.

Support material: Given that the Perimeter of the house is **100cm**

Task:

(a) As a learner of Mathematics, Jane needs your help in drawing the foundation plan for the house to be constructed at her Home.
(b) She is now confused, help her find the area of her house and the circular training center so that she plans well on her small land at home.
(c) Help her understand the area of the remaining part of her house.

THE END
Success comes with hard work!