KIYALA HIGH SCHOOL

MID-TERM TWO ASSESSMENT TEST 2024

MATHIMATICS

S.1

Time: *2 Hours*

INSTRUCTIONS:

> ➢ *Attempt* **all the items** *in this section*

Item 1

You decided to have a joint graduation party with your sibling. This is to cost you a total of 4,000,000 Uganda shillings. You are nearing the day and want to find out whether you have the amount required or not. So you decided to revise your contributions below.

Your parents contributed 12.5% of the money, your sibling contributed 12.5 % more than your parents and since you were the eldest, you contributed 2 ½ of the amount your sibling contributed.

Task

Do you have the required amount for the party or should you postpone it?

Item 2

You have been elected as the new time keeper at your school. You have to ring the bell for changing lessons for 'O' level after 40 minutes while that for 'A' level after 60 minutes. Lessons for both 'O' and 'A' level have to begin at 7:20 am with the sounding of the bells together.

Task

Help yourself to know the time you will ring the two bells together again.

Item 3

A senior one student sat for midterm II 2023 at Kiira College and obtained the following marks.

Subject	Scores
Math	$^{21}/_{25}$
Physics	$^{30}/_{40}$
Chemistry	$^{75}/_{80}$
ICT	0.81
English	$^{44}/_{60}$
Agriculture	$^{18}/_{24}$
Biology	$^{34}/_{50}$

Task

a) Help him or her to;
   i)   Find best subjects done.
   ii)   Identify the two subjects which the same score.

Item 4

Your father has a plot of land with vertices P(-2, 2), Q(5, 2), R(-2, -1) and S(1, -1).

Task

Plot the points on a graph, join the points to from the shape of the plot. Tell your father the name of the shape of the plot of the land.

GOODLUCK