MEBU EXAMINATIONS CONSULT

UGANDA LOWER SECONDARY CERTIFICATE OF EDUCATION
END OF TERM 1 ASSESSMENT 2024
MATHEMATICS

PAPER 1

SENIOR ONE

TIME::1 HR 30MIN

INSTRUCTIONS

✓ Attempt all the items

Item 1.

The time taken by 6 athletes(students) to complete a race in a certain school running competition organized by the sport master were recorded in the table below.

Athletes	Time taken(seconds)
1. Obongi Ronald	1011101two
2. Makubuya Frank	27eight
3. Ssali Sulaiman	135six
4. Ssenyonga Aliyu	44five
5. Alani Jacob	122three
6. Musazi Badru	55ten

Table 1

According to the sport master these students are to be awarded according to the position they finished in this running competition as summarized in table 2 below.

Position	Award
1st position	Shs. 50000
2nd position	Shs. 20000
3rd position	1 dozen of counter books
4th position	½ dozen of counter books
5th position	6 pens
6th position	Hand clapping appreciation

Table 2

You have been selected as a mathematics student by a sport's master and provided with the information in table **1** and **2** to help distribute these awards amongst the athletes without fear or favour.

Task.

(a) Help the sport's master identify and distribute these awards amongst these athletes.

(b) If another athlete was to run and finish in 60 seconds which and whose position would he displace according to the information above. State why?

Item 2.

In a certain village, John's family has children which are born after every odd number year up to date with the first born in 2013. There is a charity Organization which has just arrived in this village this year April 2024 giving a helping hand (money and some learning materials) to any family in this village having more than 6 children

Note: Any child still in the mother's womb are not counted by this charity Organization.

Task.

(a) As a mathematics student identify whether John's family qualifies for this help or not. Give a reason.

(b) Mutesa celebrated his 14th first born last birthday on the 1st, April. 2024 and his children were born after every even number year up to date

(i)   Identify whether Mutesa's family may receive the help from this charity organisation.

(ii) How old is Mutesa's 3rd born (birthday 27th February).

END