**BIGULI SECONDARY SCHOOL. KAMWENGE.**

**S.1 MATHEMATICS MID-TERM1 EXAMINATIONS 2024**

**DURATION: 2 HOURS.**

**INSTRUCTIONS:**

**All responses will be written on the answer sheets provided.**

**Attempt all the items.**

**Silent electronic calculators will be used .**

**SECTIONA:**

1. In a village, the ages of four siblings Peter ,Prima ,Aron and Amina were found written as 10010two, 111three, 24five and 24seven years respectively. They were requested by the chairman LC1,to rewrite their ages in a simpler way. (a) Using the knowledge of bases, help the chairman to identify from the four siblings, the youngest one. . (b) Represent their ages on the abaci.

2.The parliament of the republic of Uganda allocated Uganda sh.1,450,360,600,000 in the financial year 2022/2023,to the agricultural sector,with acontribution of fifty four billion, three hundred million,four hundred thirty seven thousand,two hundred shillings to each region of the country .But before distributing the money, the ministry had to first count the number of farmers in each region and the mo ney every farmer should get to boost the production of their farms;

1. Write the money allocated to the agricultural sector in words.
2. Write the money allocated to each region in figures. Help the parliament to allocate the money given to each region as a percentage of the Agriculture budget.

3.John wishes to give a change of Ug.sh.57800 to his client. His client needs the money in notes of Ug.sh.10000,Ug.sh.1000 and coins of Ug.sh.100. Help John to organize the notes. How many notes of Ug.sh.1000 will he give to his client?

4. In a hospital, a doctor checks on a patient after every 36 minutes while a nurse checks on the same patient after every 24 minutes .If they both last checked on the patient at 9:00a.m, help the medical officer on the time they will next check the patient, at the same time,and on how to treat the patient well.

5. In a town, Tom, Amina and Willy contributed a certain amount of money to start up a business.Tom contributed ⅓, Amina contributed ¼, and Willy contributed the rest. Aid the neighboring businessmen and women in town to read and identify all the three fractions using shaded diagrams.

SECTION B:

6. A community is hit by famine and the government of Uganda decides to distribute sweet potatoes to house holds.Each member in the house hold will receive a potato.

Each package contains an equal number of potatoes of five.There are 10 households in the community with 3,5,7,4,6,5,8,12,13,9 members respectively.

Task: Help the government by determining the number of packages of potatoes to take to that community. Suggest other means how the government can reduce hunger from the community.

END