THE **SIPRO MID-TERM III EXAMINATIONS-2023**

SUBJECT : **MATHEMATICS**

CLASS : **PRIMARY FOUR**

DURATION : **2 hours 30 minutes**

Name : _____

School : _____

District : _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: **A** and **B**.
2. Section **A** has **20** questions (**40 Marks**).
3. Section **B** has **12** questions (**60 Marks**).
4. Attempt all questions in both sections. All answers to both sections **A** and **B**. must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or **ink**. Only diagrams and graph work must be done in **pencil**.
6. Unnecessary **alteration** of work will lead to loss of marks.
7. Any **handwriting** that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated: **"FOR EXAMINER'S USE ONLY"**

Please turn over
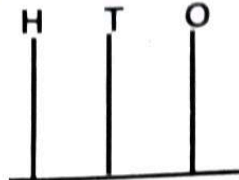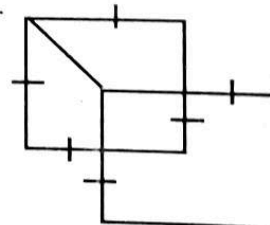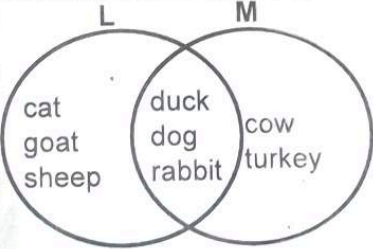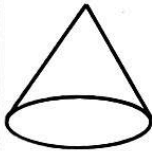
SECTION A: 40 MARKS
*Attempt **all** questions in this section*
Questions **1** to **20** carry **two** marks each

1.	**Work out:** $6 \div 3$	2.	Show **204** on the abacus below. H T O
3.	Musa has $4\frac{1}{5}$ sugarcanes. Express the number of sugarcanes as an improper fraction.	4.	**Work out:** $\square + 2 = 11$.
5.	Show **"fifteen minutes to six"** on the clock face below.	6.	Complete the **drawing** of a **cube**.
7.	Our head teacher gave me a **fifty thousand** shilling note and told me to use **sh.30,000** for having scored aggregate "four". How much money did I **return** to him?	8.	If ⬭ = 3 eggs, **draw** pictos to represent **27** eggs.

9.	Given that set **A** = {p, q, r} and set **B** = {1, 2, 3}, describe sets A and B.	10.	Find the next number in the sequence; 4, 8, 12, 16, _____
11.	How many **grams** are equivalent to **6kg**?	12.	Write **34** in Roman numerals.
13.	Fill in the missing number; $\dfrac{\square}{3} = \dfrac{6}{9}$	14.	**Simplify;** 3cups+2cups + 6cups
15.	A year has **12 months**. How many years are in **48 months**?	16.	The venn diagram below shows members of sets **M** and **L**. L M cat goat sheep duck dog rabbit cow turkey List the **common** members of sets **M** and **L**.

17.	**Work out:**	18.	Kautharah bought a fountain pen at **sh.4500.** She later sold the same fountain pen to Shifah at **sh. 5,000.** How much profit did Kautharah get?
	L ML 4 2 0 0 -1 4 0 0		
19.	**Name** the **shape** drawn below.	20.	**Draw** tallies for **24** books.

SECTION B: 60 MARKS
*Attempt **all** questions in this section.*
*Marks for **each part** of the question are **indicated** in the brackets*

21. The venn diagram below represents elements of set **D** and set **E**. Study it carefully and then use it to answer the quesions that follow.

a) How many **elements** are in set D∩E?

(02Marks)

b) **List** elements in set **D**.

c) Find **n(DUE)**

(02Marks)

(02Marks)

22.	Namazzi has the following money notes with her: **Three** notes of **sh. 2000** **one** note of **sh. 5000** **Two** notes of **sh.20,000**.
a)	How much **money** does she have **altogether?**
	(03Marks)
b)	If she uses all the notes of sh.**20,000** to buy a motorcycle toy, how much money does she **remain** with?
	(02Marks)

23.a)	Expand **482** using **values**.	b)	Round off **38** to the nearest tens.
	(02Marks)		(02Marks)

24. Fill in the missing numbers;

a) $\square$ x 4 = 20   (b) 15 + $\square$ = 20   (c) 21 ÷ $\square$ = 3

(06Marks)

25. Complete the table below correctly.
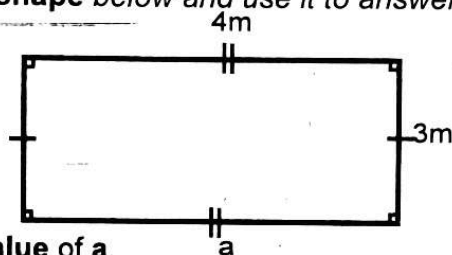
Number of legs	2	___	10	___
Number of girls	1	4	___	10

(06Marks)

| 26 a) | **Work out;** Weeks   Days
        8   5
    + 3   4

(02Marks) | b) | Find the exact **total** number of days that make up the months of January, March and April.

(02Marks) |

27. Study the **shape** below and use it to answer the questions that follow.
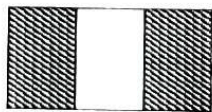

4m, 3m, a

a) Find the **value** of **a**.

(01Mark)

b) Work out the **area** of the shape drawn.

(02Marks)

c) Calculate the total distance round the shape drawn above.

(02Marks)

28. a) Write the **shaded** fraction in words.

(02Marks)

b) Isooba ate $\frac{3}{8}$ of the sugarcane in the afternoon and $\frac{2}{8}$ of it in the evening.

What **fraction** of the sugarcane did he eat altogether?

(02Marks)

29.

30

29.	Using a ruler, a pencil and a protractor, construct a **square** of sides **5cm**.
	(04marks)
30. a)	**Work out;** 47 x 5.
	(02marks)
b)	Kayondo bought **6 dozens** of books. How many **books** did he buy?
	(02marks)

31. The graph below shows the boxes of holiday package a school bought for different classes.

P.7	📦 📦
P.6	📦 📦 📦
P.5	📦 📦
P.4	📦

If each box has **100** holiday packages;

a) How many holiday packages did **each** class buy?

(03marks)

b) How many **more** holiday packages did the school buy for P.6 than P.4?

(03marks)

32. Musa was born in 2009.

a) How **old** was he in **2020**?

(02marks)

b) How **old** will Musa be in **2025**?

(02marks)

c) Write the year Musa was born in **words**.

(02marks)