THE SIPRO END OF TERM I 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

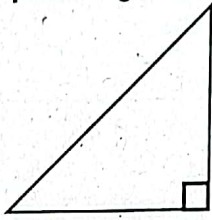THE **SIPRO EDUCATIONAL SERVICES LIMITED - KAMPALA**

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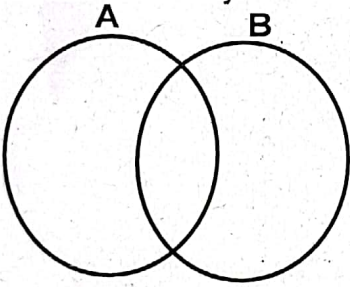
SECTION: 40 MARKS

Attempt all questions in this section

Questions **1** to **20** carry two marks each

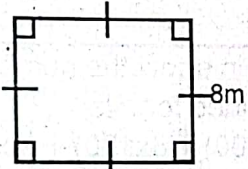|			
1.	**Work out:** 23 + 14	2.	Convert **27** to Roman numerals.
3.	In the space below, **draw** a set symbol for intersection set.	4.	**Work out:** $\dfrac{2}{7} + \dfrac{3}{7}$
5.	Find the **next** number in the sequence. 20, 17, 14, 11,___	6.	Find the **value** of the missing number. $\square - 3 = 9$
7.	Given 🍎 that represents 3 apples. **Draw** pictos to represent 15 apples.	8.	How many **weeks** are there in **21** days?

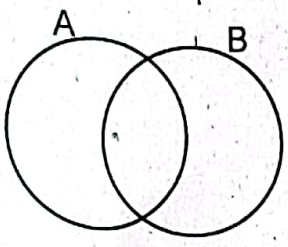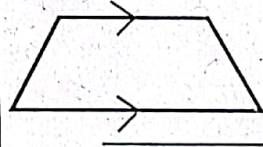|			
9.	Change **6** metres into centimetres.	10.	Nakalema is 4 years younger than Kalema, How old is Kalema if Nakalema is **10** years old?
11.	A trader bought a geometry set at **sh.4000** and sold it at **sh.3450**. Calculate the **loss**.	12.	Name the **plane** figure below.
13.	Below is a venn diagram, Shade set **B** only.	14.	Write in **short** the number whose expanded form is; $(7 \times 1000) + (8 \times 100) + (4 \times 1)$

15.	What **time** is shown on the clock face below?	16.	At Kamujje Primary School, 208 pupils are girls. Find the number of boys if the school has a total of 512 pupils.
17.	Name the fraction: $\frac{1}{5}$	18.	The table below shows the attendance of P.4 class in a certain week.

For question 18:

Mon	Tue	Wed	Thur	Fri
47	50	45	39	40

Which day has the **least** attendance?

19.	The figure below is a **square**, study and use it to find the perimeter.
	8m

20.	In the space below, **draw** a cuboid.

SECTION B: 60 MARKS

Attempt all questions in this section.

Marks for each part of the question are indicated in the brackets

21.

a) Set A = {a, e, i, o, u} and set
B = {h, o, u, s, e}
Show the sets on the venn diagram.

(03Marks)

b) i) List down the members of set A∩B

(01Mark)

ii) How many elements are in set A∪B?

(01Mark)

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22. a) Subtract:

$$\frac{7}{9} - \frac{2}{9}$$

(03Marks)

b) Arrange the fractions below in **ascending** order
(from smallest to biggest)

$$\frac{1}{3}, \frac{1}{4} \text{ and } \frac{1}{5}$$

(03Marks)

23.a) Change **180** minutes into hours

(02Marks)

b) Work out:

wks	days
7	2
- 3	5

(02Marks)

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24 a) Draw the following shapes:

i) cone

ii) circle

(04Marks)

b) Name the **shapes** below.

_____

_____

(02Marks)

25 Below are items with price tags. *Study and answer the questions that follow.*

sh.500   sh.2000   sh.200

a) Which **item** is the most expensive?

(01Mark)

b) Mama Linda bought **all** the **items**; how much money did she pay?

(02Marks)

c) If John bought 3 apples and 3 sweets, how much did he pay altogether?

(01Mark)

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26. a) Find the missing value.

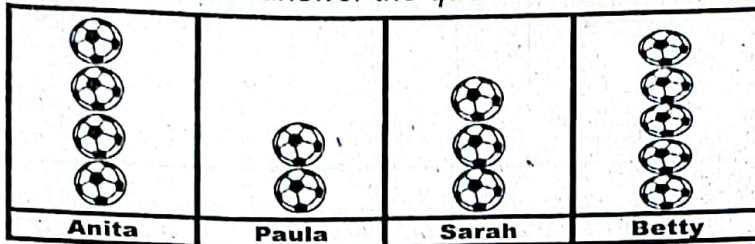☐ + 5 = 9

(02Marks)

b) A farmer had a certain number of bags of beans. He sold 8 bags and was left with 7 bags. How many **bags** did he have at first?

(02Marks)

27. The graph below shows the number of **balls** that each child was given for play. *Use it to answer the questions that follow.*

| Anita | Paula | Sarah | Betty |

a) Who received the **least** number of balls?

(01Mark)

b) How many **more** balls did Betty receive than Sarah?

(02Marks)

c) What was the **total** number of balls?

(02Marks)

28. Below is a rectangular **compound** of Mr.Opio. *Use it to answer the questions that follow.*
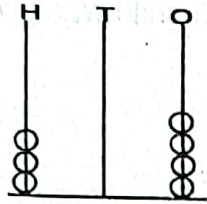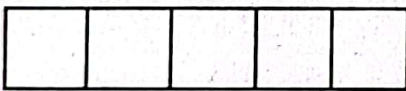
4cm

2cm

a) One evening, Mr.Opio walked round it, What **distance** did he cover?

(02Marks)

b) Calculate the **area** covered by the compound.

(02Marks)

29. a) What **number** is represented on the abacus? _____ (02Marks)	b) i) Write **4,352** in value expanded form. (02Marks)
ii) Write **3,023** in words. (02Marks)	

30. a) Find the **next** number in the sequence. 1, 2, 4, 7, 11,___ (02marks)	b) Write down the first five **odd** numbers. (01mark) c) Find the **sum** of 6th and 7th **odd** numbers. (02marks)

31.a) **Work out:** 2⟌38 (02Marks)	b) Juma had 3 boxes of chalk. Each box had **150** pieces of chalk. How many **pieces** of chalk did Juma have? (02Marks)

32. a) Shade 2 on the diagram below. 5 (02Marks)	b) Name the fraction: i)$\frac{1}{4}$ = _____ (01Mark) ii) **Work out:** $\frac{5}{7} - \frac{3}{7}$ (02Marks)