THE SIPRO MID - TERM III EXAMINATIONS 2024

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"

For Examiner's Use Only;

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

Please turn over

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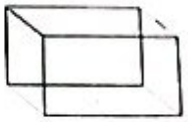
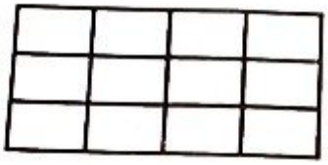
SECTION A: 40 MARKS

Attempt **all** *questions in this section.*

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

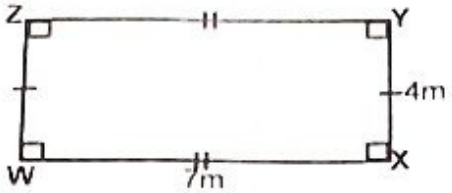
1.	Name the **figure** drawn below. _____	2.	Given that **set A** = {a, b, c, d} and set **R** = {c, a, r, d}. Find set **AUR.**
3.	Find the **next** two numbers in the sequence below: 3, 6, 9, 12, _____, _____	4.	Fill in the missing number; □ ÷ 5 = 2
5.	Work out the next two **equivalent** fractions of $\frac{1}{3}$.	6.	**Work out**: kg g 4 100 + 2 050 _____ _____
7.	Write in **short** form: 700 + 70 + 7	8.	**Multiply**: 5 3 2 x 3 _____ _____
9.	How many **sh. 500** coins can be got from a **sh. 5,000** note?	10.	**Work out:** weeks days 3 5 + 2 4 _____ _____
11.	**Draw** pictos to represent **20 balls** if ⚽ represents **5 balls**.	12.	Use >, < or = to **complete**: $\frac{2}{3}$ _____ $\frac{1}{3}$

13.	Given that **set A** = {t, i, n} and **set W** = {1, 2, 3). What is the **relationship** between set **A** and set **W**?	14.	Name the **solid** figure drawn below.  _____
15.	List all the first three **odd** numbers.	16.	Write in **short form**: 3m + 5m + m
17.	Find the **area** of the figure below. 	18.	Change **28** into Roman numerals.
19.	Draw tallies to represent **18**.	20.	Mr. Katende bought **7** exercise books at **sh. 14,000**. How much money did he pay for **each** book?

SECTION B: 60 MARKS

Attempt **all** *questions in this section.*
Marks for **each part** *of the question are* **indicated** *in the brackets.*

21 *Study the figure below carefully and use it to answer the questions that follow.*



a) Draw a diagonal line **WY** on the figure above. *(01 mark)*

b) Calculate the **area** of the above figure. *(02 marks)*

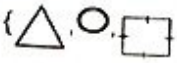
c) Work out the **total distance round** the figure above. *(02 marks)*

22a) Change $3\frac{1}{2}$ into an improper fraction. *(02 marks)*

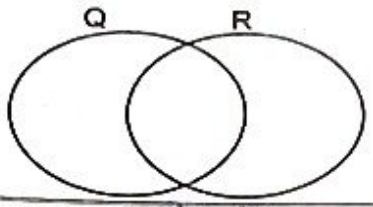
b) Express $\frac{9}{2}$ into a **mixed number**. *(02 marks)*

23a) Mr. Wambuzi bought a cow at a certain amount of money and he later sold it to Mr Kiwanuka at sh. 500,000 making a profit of sh. 100,000. How much did Mr. Wambuzi buy the cow? *(02 marks)*

b) **Work out:** sh. 3000 x 2 *(02 marks)*

24. a) Given that set Q = {  } and set R = { }

Represent the above information on the venn diagram below. *(03 marks)*



b) List the members of set **Q ∩ R**. *(01 mark)*

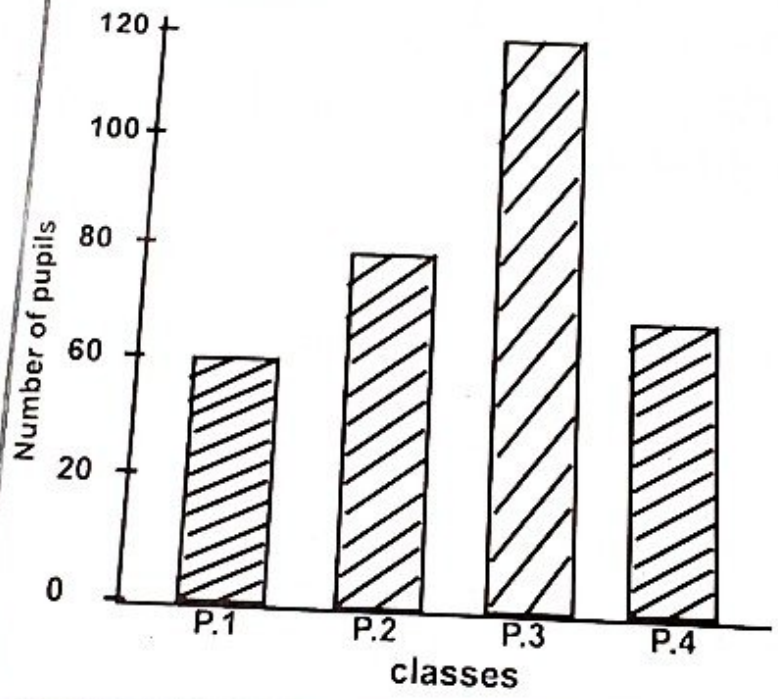
c) How many elements are in set Q union set R? *(02 marks)*

25. Using a ruler, a pencil and a protractor only, draw a rectangle **PQRS** where line PQ = 5cm and QR = 4cm *(04 marks)*

26a) Expand **324** using values. *(02 marks)*

b) Dr. Diana bought **XXXVIII** vaccines for Kalwe Football Club and she also bought **XIX** vaccines for Odwol Football Club. Find the total number of vaccines bought in Hindu-Arabic numerals. *(04 marks)*

27. **The bar graph below shows the number of pupils who were present at Elite Kings Junior School.** *Study it carefully and use it to answer the questions that follow.*



a) How many pupils were **present** in primary **two**? *(02 marks)*

13

b) How many pupils were **present** in primary **one** and primary **three** altogether? *(02 marks)*

c) If the whole class had 150 pupils, how many pupils were **absent** in primary three? *(02 marks)*

28a) **Add:** 4 5 7 8 9
+ 2 3 2 5

(02 marks)

b) Otiimu had **1472** mangoes and Habibah had **twice** the mangoes for Otiimu. How many mangoes did they have **altogether**? *(02 marks)*

29. **The time table below is for P.4 of a certain school.** *Study and use it to answer the questions that follow.*

Days	8:30am	9:10am	9:50am	10:30am	11:00am	11:40am	12:20pm
	9:10am	9:50am	10:30am	11:00am	11:40am	12:20pm	1:00pm
Mon.	MTC	SCI	ENG		SST	MTC	ENG
Tue.	ENG	P.E	MTC		SCI	SST	RE
Wed.	SCI	MTC	P.E		SST	ENG	CAPE3
Thu.	MTC	ENG	SCI		SST	MTC	RE
Fri.	ENG	MTC	P.E		SCI	SST	MTC

a) How many **mathematics** lessons has the timetable above? *(02 marks)*

b) For how **long** does the **P.E** lesson take? *(02 marks)*

c) Find the length of break time. *(02 marks)*

30a) Find the missing number.

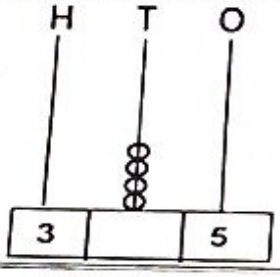
☐ + 5 = 45 *(02 marks)*

b) Oscar had **124** apples and his father removed **17 apples** from him. How many apples does he have **now**? *(02 marks)*

31 The **sum** of the value in the table below are the same diagonally, horizontally and vertically. Fill in the missing numbers. *(05 marks)*

11		9
	8	
7		5

32a) Complete the **abacus** below. *(03 marks)*



b) **Expand** the above number using **values**. *(02 marks)*

c) Write **345** in words. *(01 mark)*