



**KAMPALA PRIMARY SCHOOLS HEADTEACHERS'
EXAMINATIONS COMMITTEE (KAPSHA)
PRIMARY FOUR END OF TERM II EXAMINATIONS 2023
MATHEMATICS**

TIME ALLOWED: 2 HOURS 30 MINUTES.

PUPIL'S NAME: MUZEYI KIZITO
SCHOOL: Queen of Peace Primary School - Lubaga
DIVISION: Lubaga division

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DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

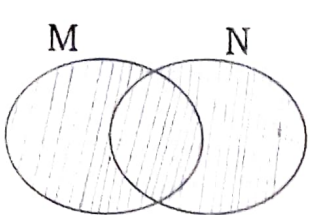

Read the following instructions carefully.

1. This paper is made up of two sections: **A** and **B**
2. Section **A** has **20** questions (**40** marks)
Section **B** has **12** questions (**60** marks)
3. Answer **all** questions. **All** answers to both section **A** and **B** must be written in the spaces provided.
4. ALL answers **MUST** be written using a **Blue** or a **Black** - point pen of fountain pen.
5. Un-necessary changes of work may lead to loss of marks.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Do **not** fill any thing in the boxes shown

"For Examiner's use only".

FOR EXAMINERS' USE ONLY		
QN. NO	MARKS	SIC
1 – 10		
11 – 20		
21 – 25		
26 – 30		
31 – 32		
TOTAL		

SECTION A (40 Marks)

1. Workout: $23 + 11$ $\begin{array}{r} 23 \\ + 11 \\ \hline 34 \end{array}$ <u>S/W</u> $3 + 1 = 4$ $2 + 1 = 3$	2. Write in words: 404 <table><tr><td>H</td><td>T</td><td>O</td></tr><tr><td>4</td><td>0</td><td>4</td></tr></table> For <u>Four hundred four</u>	H	T	O	4	0	4
H	T	O					
4	0	4					
3. Shade the region representing MUN 	4. Write 36 in Roman numerals $36 = 30 + 6$ $XXX \quad VI$ $36 = XXXVI$						
5. What is $\frac{1}{2}$ of 14 oranges? $\frac{1}{2} \times 14$ $1 \times 7 = 7$ oranges	6. Find the lowest Common Multiple of 4 and 6 . $M4 = 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84, 88, 92, 96, 100$ $M6 = 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120$ $= LCM = 12$						
7. Express $3\frac{1}{4}$ as an improper fraction. 3 - whole number 1 - denominator 4 - Numerator $3\frac{1}{4} = \frac{(3 \times 4) + 1}{4} = \frac{12 + 1}{4} = \frac{13}{4}$ $\frac{3+1}{4} = \frac{4}{4}$ $= 1$	8. What is the time shown on the clock face below.  <u>9:25 am</u>						
9. If 1m = 100cm , how many cm are in 9m ? $1m = 100cm$ $9m = (9 \times 100)cm$ $= 900cm$	10. Solve: $\boxed{16} - 6 = 10$ $-6 + 6 = 10 + 6$ $-0 = 16$ $= 16$						

11. Write **468** in expanded form using values.

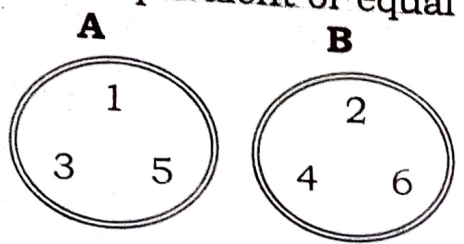
H	T	O
4	6	8

$4 \times 100 + 6 \times 10 + 8 \times 1$
 $400 + 60 + 8$

12. Round off **47** to the nearest tens

4	7
+ 1	←
<hr/>	
5	0

13. Write equivalent or equal set.



Set **A** and Set **B** are equal..... sets.

14. If **one** book costs **sh. 500**, how much will **6** similar books cost?

1 book = sh. 500
 6 books = sh. (6 x 500)
 ∴ 6 books = sh. 3000

$6 \times 5 = 30$

15. List down all the factors of **12**.
 $F_{12} = 1, 2, 3, 4, 6, 12$

16. Find the next two missing numbers in the sequence.

1, 5, 9, 13, 17, 21..., 25....

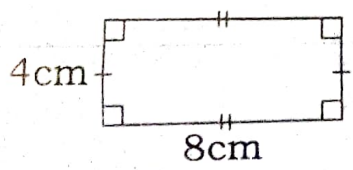
$+4 \quad +4 \quad +4 \quad +4 \quad +4 \quad +4$

17. If represents **5** pencils, draw the pictures represented by **20** pencils.

1 pencil = 5 pencils
 $20 \div 5 = 4$
 20 pencils = (20 x 5)
 ∴ 20 pencils = 100

18. **Workout:** $5y + y + 3y$
 $5y + y + 3y = 9y$

19. Find the area of the figure below.



$A = L \times W$
 $A = 8cm \times 4cm$
 $A = 32cm^2$

$8 \times 4 = 32$

oooo
oooo
oooo
oooo
oooo
oooo
oooo

20. **Workout:** **Kg** **g**

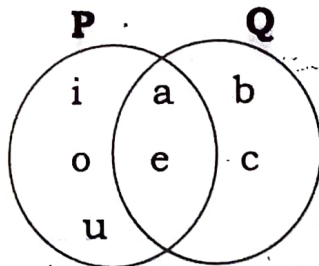
64	376
- 53	224
<hr/>	
11	600

SECTION B (60Marks)

Study the Venn diagram below and answer the questions that follow.

21.

a. Write down the members of Set **P**.



Set P = {a, e, i, o, u}

(1mark)

b.

How many elements are in Set **Q**?

Set Q = {a, b, c, e}
Set Q = 4 element

(2marks)

c. List down members of Set **PUQ**.

Set PUQ = {a, e, i, o, u, b, c}

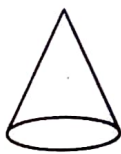
(2marks)

22. Name the shapes below.

(2marks)

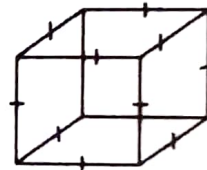
a.

i.



Cone

ii.



cube

b. Draw the following shapes.

(3marks)

i.

Cylinder



ii.

Kite



iii.

Circle



23. Mukasa had **72** goats, he shared them equally among his **4** sons.

a. How many goats did each son get?

(2marks)

$$72 \div 4 = 18$$

Each son gets 18 goats



b. Workout: **28** by **6**.

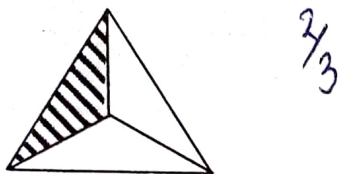
(2marks)

$$28 \div 6 = 4$$

24. Name the unshaded fraction.

(1mark)

a.



b. Arrange $\frac{2}{5}$, $\frac{1}{5}$, $\frac{3}{4}$ in descending order

$$\frac{3}{4}, \frac{2}{5}, \frac{1}{5}$$

(2marks)

c. Add: $\frac{3}{7} + \frac{2}{7} + \frac{1}{7}$

$$\frac{3}{7} + \frac{2}{7} + \frac{1}{7} = \frac{3+2+1}{7} = \frac{6}{7}$$

(2marks)

25. Use $>$, $<$ or $=$ to complete the following.

a. 300cm 3m

(2marks)

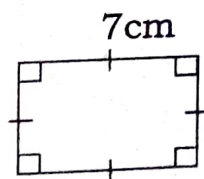
b. 1 dozen 24items

(2marks)

c. $12 \div 2$ $6 \div 2$

(2marks)


26. Study the figure below and answer the questions that follow.



a. Name the figure drawn above.

(1mark)

Square

<p>b. What is the total distance around the figure above?</p> <p>$P = 5 + 5 + 5 + 5$</p> <p>$P = 7\text{cm} + 7\text{cm} + 7\text{cm} + 7\text{cm}$</p> <p>$P = 14\text{cm} + 14\text{cm}$</p> <p>$P = 28\text{cm}$</p> <p style="text-align: right;">(2marks)</p>	<p>c. Find the area of the figure in "a" above.</p> <p>$A = 5 \times 5$</p> <p>$A = 7\text{cm} \times 7\text{cm}$</p> <p>$A = 49\text{cm}^2$</p> <div style="text-align: right;"></div> <p style="text-align: right;">(2marks)</p>								
<p>27. Expand 8627 using values.</p> <p>a.</p> <table border="1" style="margin-left: auto; margin-right: auto;"><tr><td>TH</td><td>H</td><td>T</td><td>O</td></tr><tr><td>8</td><td>6</td><td>2</td><td>7</td></tr></table> <p>$8 \times 1000 + 6 \times 100 + 2 \times 10 + 7 \times 1$</p> <p>$8000 + 600 + 20 + 7$</p> <p style="text-align: right;">(2marks)</p>	TH	H	T	O	8	6	2	7	<p>b. What number has been expanded to give: 4000 + 900 + 60 + 3?</p> <div style="text-align: right;">$\begin{array}{r} 4000 \\ + 900 \\ 60 \\ 3 \\ \hline 4963 \end{array}$</div> <p style="text-align: right;">(2marks)</p>
TH	H	T	O						
8	6	2	7						
<p>c. Write the place value of 6 in the number 8627.</p> <div style="text-align: center;"><table border="1"><tr><td>TH</td><td>H</td><td>T</td><td>O</td></tr><tr><td>8</td><td>6</td><td>2</td><td>7</td></tr></table><p>→ Hundreds</p></div> <p style="text-align: right;">(1mark)</p>		TH	H	T	O	8	6	2	7
TH	H	T	O						
8	6	2	7						
<p>28. Given digits; 3, 9, 2.</p> <table border="1" style="width: 100%;"><tr><td data-bbox="90 1209 770 1568"><p>a. Form the largest three digit number.</p><p><u>932</u></p><p style="text-align: right;">(1mark)</p></td><td data-bbox="770 1209 1492 1568"><p>b. Form the smallest three digit number.</p><p><u>239</u></p><p style="text-align: right;">(1mark)</p></td></tr></table>		<p>a. Form the largest three digit number.</p> <p><u>932</u></p> <p style="text-align: right;">(1mark)</p>	<p>b. Form the smallest three digit number.</p> <p><u>239</u></p> <p style="text-align: right;">(1mark)</p>						
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<p>c. Find the sum of the smallest and largest numbers formed.</p> <div style="text-align: right;">$\begin{array}{r} 932 \\ + 239 \\ \hline 1171 \end{array}$</div> <p style="text-align: right;">(2marks)</p>									

29.

Use the price list below to answer the questions that follow.

Bread - Sh. 5,000

Sugar - Sh. 5,500

Milk - Sh. 2,500

a. Find the cost of 2kg of sugar.

$$\begin{aligned} 1 \text{ kg} &= \text{Sh. } 5,500 \\ 2 \text{ kg} &= \text{Sh. } (2 \times 5,500) \\ \therefore 2 \text{ kg} &= \text{Sh. } 11,000 \end{aligned}$$

$$\begin{array}{r} 5\ 500 \\ \times \quad 2 \\ \hline 11,000 \end{array}$$

(2marks)

b. Which item is the most expensive on the list?
Sugar

(1mark)

c. Workout the total cost of bread, sugar and milk.

$$\begin{array}{r} \text{Bread} = \text{Sh. } 5,000 \\ \text{Sugar} = \text{Sh. } 5,500 \\ \text{Milk} = \text{Sh. } 2,500 \\ \hline \text{Sh. } 13,000 \end{array}$$

(2marks)

30. A week has 7 days, how many weeks are in 14 days?

a.

$$\begin{aligned} 1 \text{ week} &= 7 \text{ days} \\ 14 \text{ days} &= \frac{14}{7} \text{ weeks} \\ \therefore 14 \text{ days} &= 2 \text{ weeks} \end{aligned}$$

$$\begin{aligned} 1 \text{ week} &= 7 \text{ days} \\ 14 \text{ days} &= (14 \div 7) \\ \therefore 14 \text{ days} &= 2 \text{ weeks} \end{aligned}$$

$$14 \div 7 = 2$$

(2marks)

b. Add: **Weeks** **Days**

$$\begin{array}{r} 4 \quad 4 \\ + 3 \quad 6 \\ \hline 7 \quad 0 \end{array}$$

(2marks)

b. Subtract: **Weeks** **Days**

$$\begin{array}{r} 7 \quad 6 \\ - 4 \quad 2 \\ \hline 3 \quad 4 \end{array}$$

(1mark)

31. Find the missing number in the box.

$$\frac{2}{5} = \frac{6}{\boxed{3}}$$

(1mark)

- b. What is $\frac{1}{4}$ of 28 pencils?

$$\frac{1}{4} \times 28 = 7 \text{ pencils}$$

(2marks)

- c. Shade $\frac{1}{4}$ on the figure below.



$$\frac{1}{4} \times 8 = 2 \text{ parts}$$

(2marks)

32. The tally table below shows a P.4 attendance in a week at St. Peters' Primary School, Mukono. Use it to answer the questions that follow.

- a. Complete the table below.

(3marks)

DAYS	TALLIES	NO. OF PUPILS
Monday		16
Tuesday		...20...
Wednesday		19
Thursday		22
Friday		...19...

- b. Which two days have the same number of pupils?

(2marks)

Wednesday and Friday have the same number of pupils.

*** GOOD LUCK ***