KAMPALA PRIMARY SCHOOLS HEADTEACHERS' EXAMINATIONS COMMITTEE (KAPSHA)

PRIMARY SIX END OF TERM II EXAMINATIONS 2025

MATHEMATICS

TIME ALLOWED: 2 HOURS 30 MINUTES.

PUPIL'S NAME: _____

SCHOOL: _____

DIVISION: _____

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***	***SIGN.***
1 – 10		
11 – 20		
21 – 25		
26 – 30		
31 – 32		
TOTAL		

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TURN OVER

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SECTION A (40Marks)

1.	**Workout:** 12 x 4	2.	**Simplify:** 4 - 6
3.	Find the square of **(5 + 4)**	4.	**4** men can dig a piece of land in **10** days. How long will **5** men take to do the same job?
5.	In a class of **30** pupils, **18** are girls and the rest are boys. What is the probability of picking a boy to be the class leader?	6.	Four books cost **sh. 16,000**. How many books of the same type will one buy if he had **sh. 12,000**?

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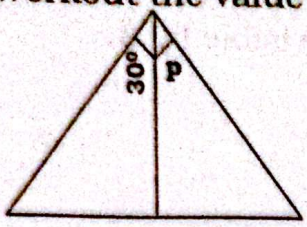
7.	Workout the value of **p**.  	8.	Expand **42.39** using exponents.
9.	Workout the range of **-6, -7, 4, 9** and **0**	10.	Use >, < or = to complete the statement. $\frac{2}{3}$ ——— $\frac{5}{6}$
11.	Given **n = 4, m = 3** and **p = 5** Find; $\frac{n}{p} + \frac{1m}{5}$	12.	Convert **4.5m** to centimeters.

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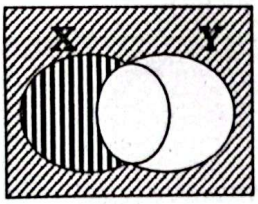
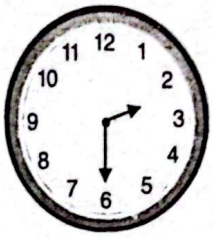
13.	Given that set **A** = {*a,b,c,d,x,y*} **BnA** = { **x, y** } and **B - A** = {**e, f**} Find **AuB**	14.	Without dividing test whether **495** is exactly divisible by **3.**
15.	Find the next number in the in the sequence. 2, 3, 5, 7 ___	16.	**Simplify:** $\frac{2}{3} \div \frac{5}{6}$
17.	In the Venn diagram describe the unshaded region.  	18.	What morning time is shown on the clock face? 
19.	Express **24** in tally form.	20.	In a class of **50** pupils, **30** are girls and the rest are boys. Express the number of girls as a percentage.

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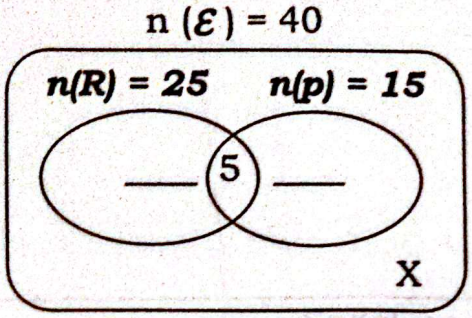
SECTION B

21. In a class of **40** pupils, **25** pupils like Rice (**R**), **15** pupils like Posho (**P**), **5** pupils like both Rice and Posho while **X** like none of the two types of food. Use the information to complete the Venn diagram.



(2marks)

a. Find the value of **X**.

(2marks)

b. Find the probability of picking a pupil who likes rice to represent the class in Maths contest.

(2marks)

22. Given $23_n = 15_{ten}$

a. Find the value of **n**.

(2marks)

b. What is the place value of **3** in 321_{five}

(2marks)

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23. Joan, John and Jane shared **sh. 240,000** in the ration of **3 : 4 : 5** respectively.

a. How much money did each of them get?

(3marks)

b. How much less money did Joan get than John?

(2marks)

24. In Kawempe Muslim school, bells ring at different intervals of **30** minutes, and **40** minutes respectively.

a. After how many hours will the two bells ring together?

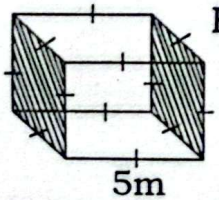
(3marks)

b. If they ring at 8:30am. At what time will they ring altogether again

(2marks)

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

a. How many vertices has the figure?



(1mark)

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b.	Calculate the total area of the shaded part. *(3marks)*	c.	Calculate the amount of space in the figure above. *(2marks)*
26.	Ritah is **2** years older than her brother. If their total age is **30** years.		
a.	How old is each one of them? *(3marks)*	b.	How old will the brother be in **10** years time to come? *(2marks)*
27. b.	**Workout:** $\frac{0.12 \times 0.4}{0.03}$ *(3marks)*	b.	**Workout:** 7.6 + 2.9 *(2marks)*

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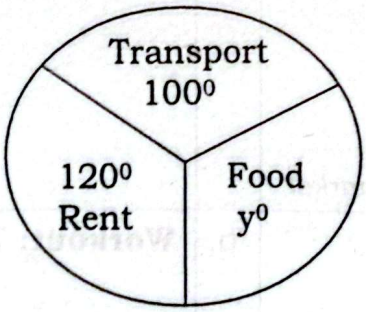
28. Given the numeral **4567**

a. Write the above numeral in words. *(1mark)*

b. Represent the above numeral on the abacus. *(2marks)*

c. Find the product of the value of **6** and the place value of **5** in the number given above. *(2marks)*

29. ***The pie-chart below shows Peter's monthly expenditure of sh. 360,000. Use it to answer the questions that follow.***



a. Find the value of **y**. *(2marks)*

b. How much money does he spend on rent? *(2marks)*

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c. Express the portion of transport as a fraction.

(1mark)

30. Richard went shopping and bought the following items.

3kg of sugar at sh. 2800 per kg
2½ kg of rice at sh. 3000 per kg
500gm of beans at sh. 2000per kg
2 dozens of pens at sh. 1000 each pen

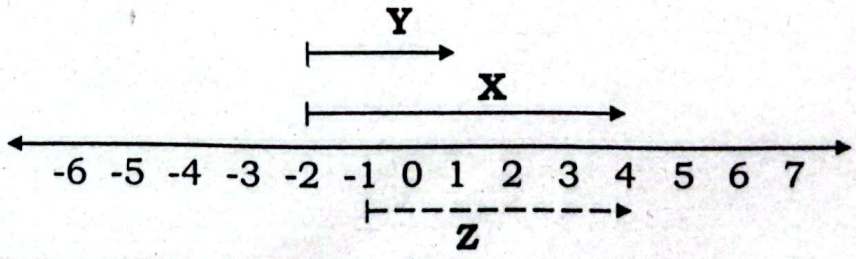
a. How much money did he pay for the beans?

(2marks)

b. Calculate his total expenditure.

(2marks)

31. **Study the number line below and use it to answer questions that follow.**



a. Write the integer represented by;
i) **X** ii) **Y**

(2marks)

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b.	Find the inverse of integer represented by letter **Z**. *(2marks)*
c.	Write a mathematical statement shown on the number line above. *(1mark)*
32.	Using a pair of compasses, a ruler and a pencil only, construct an equilateral triangle in a circle of radius **4cm**. *(4marks)*

***GOOD LUCK ***

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