KOLFRAM EDUCATIONAL SERVICES KAMPALA

PRE REGISTRATION EXAMINATION SET **THREE** 2024

PRIMARY FOUR

MATHEMATICS

*Time allowed: **2** hours 30 minutes*

THE KOLFRAM
EXAMINATIONS BOARD

Index Number:

Admission Number						Personal Number		

Candidate's Name: ………………………………..………………………………………….

Candidate's Signature: ……………………………………..……………………………….

School Name: …………………………………..……………………………….…………

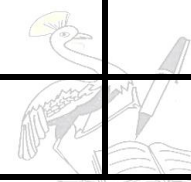**District Name:** …………………………………………..…………………………………

DO NOT OPEN THIS BOOKLET UNLESS YOU ARE TOLD TO DO SO

Read and follow these instructions carefully:

1. This paper has **two** sections: **A** and **B**. Section **A** has **20** questions and section **B** has **12** questions. The paper has **10** printed pages.

2. Answer **all** questions. **All** answers to both sections A and B must be shown in the spaces provided.

3. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any answer written in pencils other than on graphs and diagrams will **not** be marked.

4. . No calculators or **electronic** pens are allowed in the examination room.

5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.

6. Do not fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.
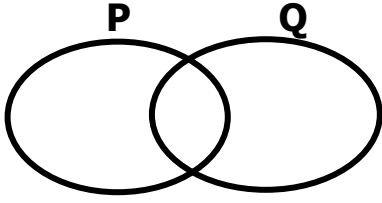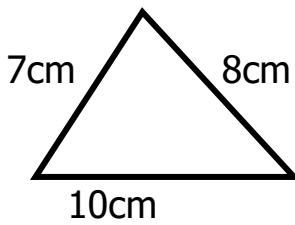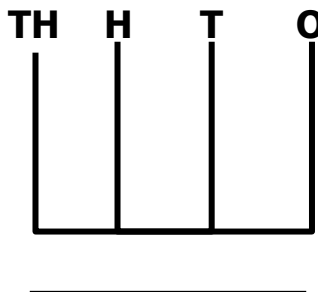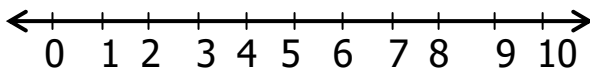
Turn Over

SECTION A: 40 MARKS

1.	Add: 4 2
	      + 2 7
	
	      ‾‾‾‾‾‾
		2.	Write 112 in words.

3.	Shade P∩Q **P** **Q**	4.	If represents 3 flowers, how many flowers are represented by ?
5.	Find the distance around the figure below. 7cm 8cm 10cm	6.	Show 4 1 0 6 on the abacus below. **TH** **H** **T** **O**
7.	Share 36 mangoes among 3 boys.	8.	Add: $\frac{2}{7} + \frac{3}{7}$
9.	Find the missing number ☐ + 3 = 9	10.	A book costs shs. 500. How much do 3 similar books cost?
11.	Find the next number in the Sequence: 3, 6, 9, 12, ____	12.	Draw a cone in the space below.

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13.	Given that set P = {Days of the week} Find n(P)	14.	Shade $\underline{3}$ 5 ⬜⬜⬜⬜⬜ of the table above.
15.	What is ⅔ of 18 balls?	16.	Tell the time

17. Use a number line to add 5 + 2.

```
  <———+——+——+——+——+——+——+——+——+——+——>
       0  1  2  3  4  5  6  7  8  9  10
```

18. Complete correctly;
3 + 3 + 3 + 3 = _____ x ___ = ___

19.		20.	Write 19 in Roman numerals.

Section B

21. (a)   Name the following shapes.   *(1 mark each)*

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(b)	Draw these shapes. *(1 mark each)*	
	triangle	**square**

22.	**Study the venn diagram below and answer questions that follow**.

R   S

0   2   1
8   4   6   3
    5

List down the elements of R. *(1 mark)*	List the members of set S. *(1 mark)*
R = {…………………….}	S = {………………………}

Find	*(1 mark each)*
R∪S	R∩S

23.	Kakeeto ate ¼ of a cake. What fraction remained? **(2 marks)**

Work out: $\dfrac{7}{8} - \dfrac{5}{8}$ *(1 mark)*	How many ½ litre cups of water will fill a 5 litre bucket? *(2 marks)*

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24.	**Use a number line to work out the following**. *(2 marks each)*

(a) 6 + 3 =

$$\longleftarrow \overset{+}{\underset{0}{}} \overset{+}{\underset{1}{}} \overset{+}{\underset{2}{}} \overset{+}{\underset{3}{}} \overset{+}{\underset{4}{}} \overset{+}{\underset{5}{}} \overset{+}{\underset{6}{}} \overset{+}{\underset{7}{}} \overset{+}{\underset{8}{}} \overset{+}{\underset{9}{}} \overset{+}{\underset{10}{}} \longrightarrow$$

0 1 2 3 4 5 6 7 8 9 10

(b) 8 – 4 =

0 1 2 3 4 5 6 7 8 9 10

(c) 3 x 2 =

0 1 2 3 4 5 6 7 8 9 10
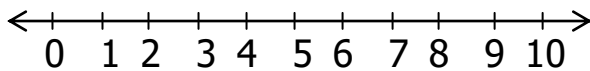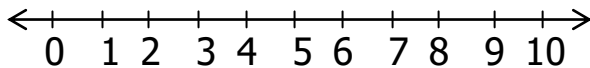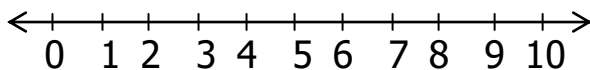
25.	**Use the figure below to answer the questions**.

5cm
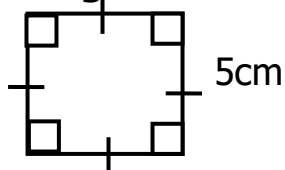
(a) Name the figure above.   *(1 mark)*

Calculate its area. *(2 marks)*	Find its perimeter. *(2 marks)*

26.	**Complete the table below.**

(1 mark each)

Weeks	1	2	___	___	3
Days	7	___	28	35	___

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27.	**Study the magic square below and answer questions that follow.**

x	1	6
3	5	y
4	z	2

(a)   Find the magic sum.   *(1 mark)*

(b)   Find the value of;   *(1 mark each)*
(i)   x

(ii)   y

(iii)   z

28.	Use **>**, **<** or **=** to complete the statements. *(1 mark each)* (i) 1 + 2 _____ 3 + 0	(ii) 107 _____ 170

iii)   ½ _____ ¼

29.	Find the missing numbers. *(1 mark each)* (a) ☐ + 6 = 9	(b) ☐ - 7 = 13

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$32 \div \boxed{} = 8$	(d) $7 \times \boxed{} = 35$

30. Shamusa is 16 years old. Her sister Aisha is 4 years younger than her.
(a) Find Aisha's age. *(2 marks)*

(b) What is their total age? *(2 marks)*

(c) Find Aisha's age after 10 years. *(2 marks)*

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

ITEM	PRICE
A bar of soap	Shs. 1800
A kg of beans	Shs. 2000
A packet of salt	Sh. 1000
A litre of milk	Shs. 2000

Find the total cost of 2 packets of salt. *(2 marks)*

How much will Peter pay for 3 litres of milk? *(2 marks)*

Find the total cost of all the items. *(2 marks)*

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32.	**The graph below shows the attendance of P.4 pupils for a week. Study it carefully and answer questions that follow.**
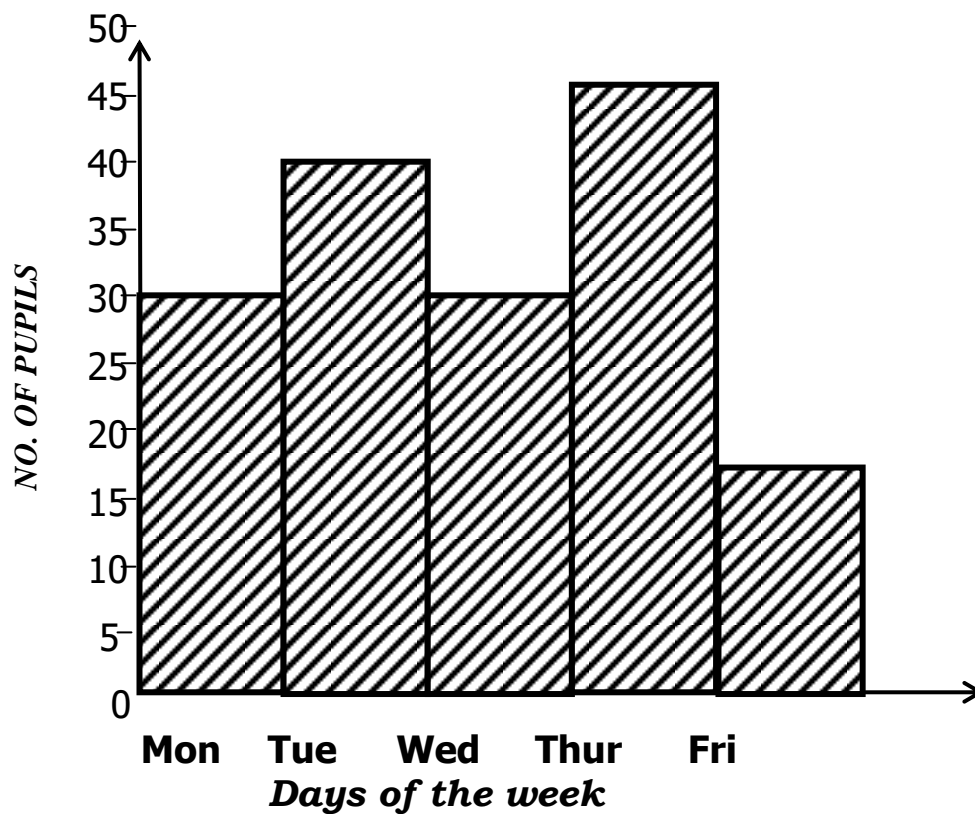
(a)   How many pupils attended school on Thursday?   *(1 mark)*

(b)   On which two days was the attendance the same?   *(2 marks)*

(c)   On which day was the attendance the highest?   *(1 mark)*

(d)   How many pupils attended school on Monday, Wednesday and Friday?

(2 marks)

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