KOLFRAM EDUCATIONAL SERVICES KAMPALA

MIDTERM II EXAMS 2023

PRIMARY FOUR

MATHEMATICS

Time allowed: 2 hours 30 minutes

Index Number:	Random Number				Personal Number			
Candidate's Name:			'	1				
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:

- This paper has two sections: A and B. Section A has 20 questions and section B has 12 questions. The paper has 7 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.
- 5. No calculators are allowed in the examination room.
- 6. Unnecessary changes in your work and handwriting that cannot easily be read may lead to **loss of marks**.
- 7. Do not fill anything in the table indicated: **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper.

FOR EXAMINERS USE ONLY						
QN. NUMBER	MARKS	EXAMINER'S INITIAL				
1-5						
6-10						
11-15						
16-20						
21-22						
23-24						
25-26						
27-28						
29-30						
31-32						
TOTAL						

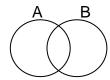
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Turn over

SECTION A: 40 MARKS (2MARKS EACH)

- 1. Add: 2 3 +1 5
- 2. Describe the shaded region.



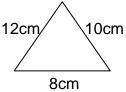
- 3. Find the value of 5 in the number 459
- 4. Add: $\frac{3}{7} + \frac{2}{7}$
- 5. Write as multiplication.

$$3 + 3 + 3 + 3 =$$
_____ x _____

6. Arrange the following numbers beginning with the smallest.

7. Find the next number in the sequence:

8. Find the distance around the figure.



9. There are 48 pupils in the class. If 26 of them are girls and the rest are boys, how many boys are in the class?

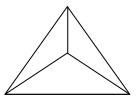
10. A pen costs Shs 400. What is the cost of 3 similar pens?

11. Tell the time.



12. Write 24 in Roman numerals.

13. How many triangles are in the figure below?



14. Change 4 metres to centimeters.

- 15. How many days are in 3 weeks?
- 16. If represents 10 apples.

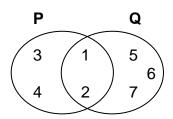
How many apples are in



17. Subtract 33 from 67.

SECTION B: (60 MARKS)

21. Use the Vann diagram to answer the questions.



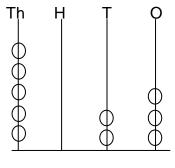
(a) List all the members of Set P. (1mark)

18. If Set $A = \{vowel letters\}$.

List the elements of Set A.

19. Solve: m + 3 = 9

20. What number is shown on the abacus below?



- (b) List members of Set Q <u>ONLY</u>. (1mark)
- (c) Find $P \cap Q$ (2marks)
- (d) Find P∪ Q (2marks)

22. Rahamah went to the shop and bought the items below:

3 pencils at Sh. 400 each 2 books at Sh. 300 each 1 geometry set at Sh. 1500

(a) What is the total cost of the 3 pencils? (2marks)

(b) Find the cost of the 2 books. (2marks)

(c) How much money did Rahamah spend altogether? (2marks)

23. Complete the table below:

Complete the table below:					
Days		14			
Weeks	1		4	5	

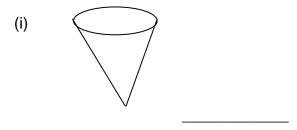
(1mark@)

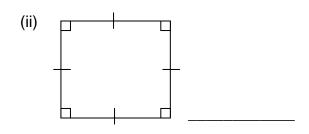
24(a) Draw the following shapes:

(i) Cylinder (1mark @)

(ii) Pentagon (1mark@)

(b) Name the following shapes: (1mark @)





25. Study the magic square below:

8	1	6
а	5	b
4	С	d

If the magic sum is 15. Find the value of the missing numbers.

(1mark@)

26. Luwaga harvested pineapples in the month of April as shown below:

Day	Mon	Tues	Wed	Thur	Fri
Pineapple	78	60	92	85	59

- (a) On which day did Luwaga harvest the highest number of pineapples? (1 mark)
- (b) On which day was the lowest harvest recorded? (1 mark)
- (c) Find the total number of pineapples harvested on Monday and Thursday. (2 marks)

26(d) Find the difference in pineapples harvested on Wednesday and Friday. (2marks)

27. Find the value of the letters: (1mark@)

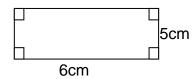
(a)
$$m + 5 = 13$$

(b)
$$r - 6 = 4$$

(c)
$$15 \div c = 5$$

(d)
$$3 \times a = 9$$

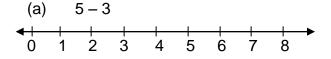
28. Study the figure below:

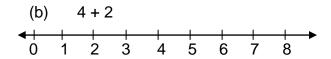


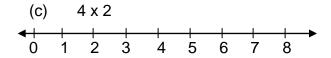
- (a) Name the figure. (1mark)
- (b) Find its area. (2marks)

(c) Find its perimeter. (2marks)

29. Use a number line to work out the following: (2marks @)



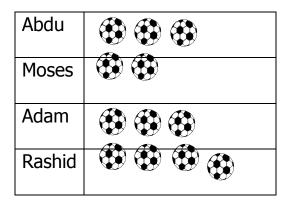




- 30. Use >, < or = to complete the statement. (1mark@)
 - (a) $3 + 5 _{\underline{}} 5 + 5$
 - (b) 803 _____ 308
 - (c) 7 days _____ 1 week
 - (d) IV _____ VI
- 31. Kato is 12 years old. Kigongo is 21 years old.
 - (a) Who is older? (1mark)
 - (b) Find the sum of their age. (2marks)

(c) Find the difference between their ages. (2marks)

32. The graph below shows the number of balls picked by four pupils of P.4 class.



Scale: represents 5 balls

(a) Who picked the least number of balls?

(1mark)

(b) How many balls did Rashid pick? (2marks)

(c) Find the total number of balls picked by all the pupils. (3marks)