

# THE JEROX BEGINNING OF TERM III EXAMINATION 2024

## Primary Six Mathematics

TIME ALLOWED: 2 HOURS 30 MINUTES

NAME _____	SIGNATURE _____
SCHOOL _____	DISTRICT _____
STREAM _____	

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

### READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper is made up of two sections A and B
2. Section A has 20 questions (40 marks) and Section B has 12 questions (60 marks)
3. Answer all questions in both sections A and B.
4. All answers must be written in the spaces provided in **BLUE** or **BLACK** ink.  
Only diagrams should be drawn in pencil.
5. Unnecessary crossing will lead to loss of marks
6. Poor handwriting, which cannot be easily read may lead to loss of marks.

### FOR EXAMINER'S USE ONLY

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil

ORGANISED BY:

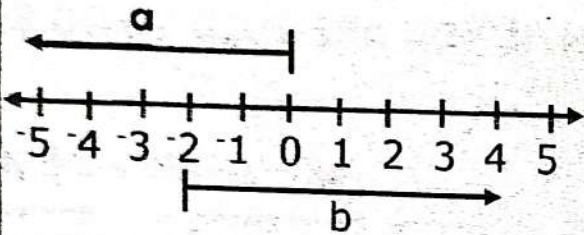
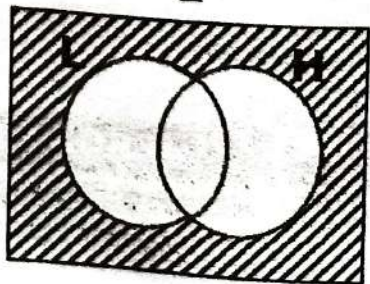


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# SECTION A (40 MARKS)

1.	<b>Workout:</b> $\begin{array}{r} 8 \ 5 \ 9 \\ - 1 \ 3 \ 2 \\ \hline \end{array}$	2.	Write LXIX in Hindu Arabic numerals.
3.	Complete the sequence. 4, 6, 8, 9, 10, _____, _____	4.	Solve for P: $\frac{2p}{3} = 12$
5.	Name the values of arrows given on the number line. 	6.	Using a ruler, a pencil and a protractor, draw an angle of <b>120°</b> .
7.	Express 9 litres to milliliters.	8.	Alice scored the following marks in Midterm examinations; <b>60, 40, 70, 90, 50, and 60.</b> Find her median mark.
9.	Increase Shs <b>1600</b> by <b>10%</b>	10.	Describe the shaded region. 





11. Four heaps of Irish potatoes cost **Sh. 12000**. What will the cost of **6** similar heaps of Irish potatoes?

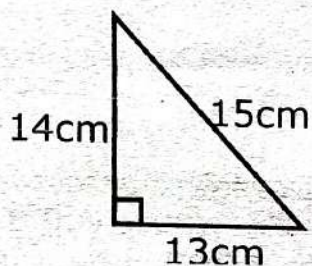
12. Add: Hours min

4	40
+ 2	50
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13. Write in short the expanded number.  
 $(4 \times 10^3) + (7 \times 10^2) + (9 \times 10^0)$

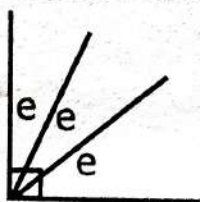
14. Work out:  $1\frac{1}{3} \times \frac{3}{8}$

15. Find the area of the figure below.



16. An assembly which took **50** minutes ended at **9:20** am. At what time did it start?

17. Find the value of **e**.



18. Workout:  $11 - 6 \div 2 \times 3$



19.	A tourist arrived in Uganda with <b>300</b> US dollar. If <b>1 US</b> dollar is equivalent to Uganda <b>Sh. 3600</b> , how much was he given in the forex bureau?	20.	If set $W = \{u, v, z\}$ , how many subsets has set $W$ ?
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### SECTION B

21.	<p>Sanyu went to the shop and bought the following items.</p> <p>3 apples at Sh 1,200 each</p> <p><math>1\frac{1}{2}</math>kg of rice at Sh 3,600 per kg</p> <p>500g of meat at Sh 16,000 per kg</p> <p>2 packets of sugar at Sh 10,000</p>		
(a)	How much did she spend altogether?	b)	If she was given a change of <b>Sh. 3000</b> , how much did she have at first?

(04 marks)

(02 marks)





22. (a) Using a ruler, a pencil and a pair of compasses only, construct a rectangle **MNRH** where line **MN = 7cm** and line **NR = 4cm**.

(05 marks)

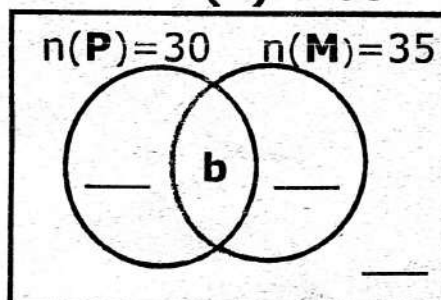
- (b) Measure the diagonal line **NH**.

(01 mark)

23. In a class of **60** pupils, **30** pupils like pineapple juice (**P**), **35** pupils like mango juice (**M**), **3** pupils like none of the two and **b** pupils like both.

- (a) Complete the Venn diagram.

$$n(\Sigma) = 60$$



(03 marks)

- (b) How many pupils like only one type of juice?

(03 marks)

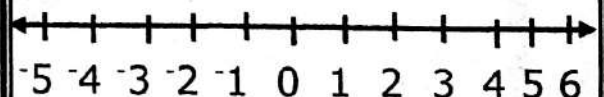
24. (a) Use **<**, **>** or **=** to complete correctly.

(i)  $-13 \square +13$

(ii)  $-1 \square -100$

(02marks)

- (b) Workout **+5 + -8** using a number line.



(03 marks)



25. Mr. Okello deposited **Sh. 300,000** in the bank that offers a simple interest rate of **20%** per annum. If he kept this money in a bank for **3** years.

(a) How much interest did he earn?

(02 marks)

(b) Calculate the money he had on the account after **3** years.

(02 marks)

26. A motorist left Kampala at **10:00am** and reached Bushenyi at **2:00pm** a distance of **240km**.

(a) How long was the journey?

(02 marks)

(b) Find the average speed for the whole journey.

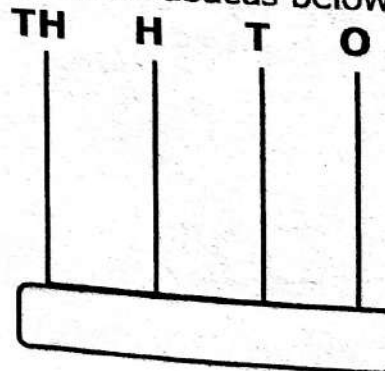
(02 marks)

27. Use the digits **7, 2, 0** and **4** to answer the questions.

(a) Form the largest number from the digits above.

(01 mark)

(b) Represent the smallest **4** digit number on the abacus below.



(03 marks)



(c) Expand the largest number using values.

(02 marks)

28. Given that  $y = 6$ ,  $w = 10$  and  $n = 3$ . Evaluate;

(a)  $2y + w$

(02 marks)

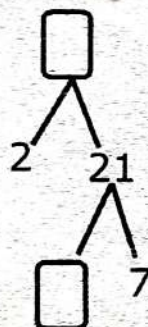
(b)  $wy - w + y + n$

(02 marks)

(c)  $\frac{3w}{n}$

(02 marks)

29. Complete the factor tree correctly.

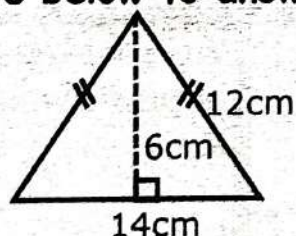


(02 marks)

(b) The **L.C.M** of two numbers is **60** and their **G.C.F** is **6**. If one of the number is **18**, find the other number.

(02 marks)

30. Use the figure below to answer the questions.



(a) Find its perimeter.

(02 marks)

(b) Calculate its area.

(02 marks)



31. (a) Workout:  $\frac{0.7 \times 0.6}{0.3}$

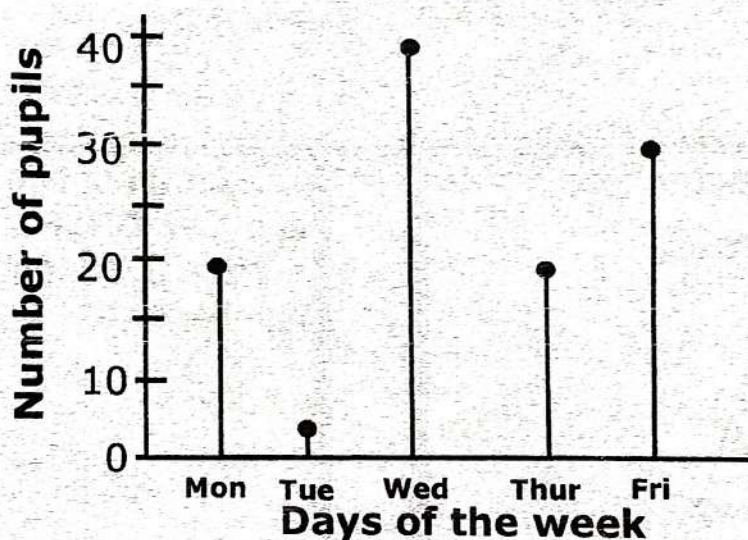
(03marks)

(b)

Simplify:  $\frac{1}{3} + \frac{1}{4} \div \frac{1}{2}$

(03marks)

32. The graph below shows the number of pupils who were absent in a class of 50 pupils.



- (a) On which day of the week was the attendance best?

(01 mark)

- (b) How many pupils were present on Monday?

(02 marks)

- (c) Workout the average attendance of pupils who were absent during the week.

(02 marks)