

THE JEROX SET IV TERM ONE EXAMINATIONS 2024

Primary Seven Mathematics

TIME ALLOWED: 2 HOURS 30 MINUTES

Index No.

Random No.

Personal No.

NAME: _____

SCHOOL: _____

SIGNATURE: _____ DISTRICT: _____

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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper is made up of two section 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 mark
6. Poor handwriting, which can not 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:

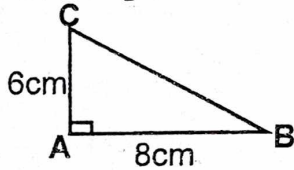


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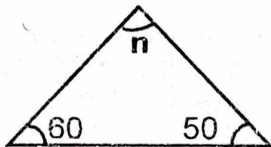
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SECTION A (40 Marks)

1	Workout: $\begin{array}{r} 4 \quad 2 \\ + 1 \quad 7 \\ \hline \end{array}$	2	Write XCIX in words.
3	Add: $2 + 4 = \underline{\hspace{2cm}}$ (finite 5)	4	Given that set R = { x, y, z }. List all the subjects in set R.
5	Workout: $0.91 \div 1.3$	6	The figure below is a right angled triangle. Study it carefully and calculate the length BC . 
7	Workout $(36 \times 21) + (64 \times 21)$ using distributive property.	8	Solve: $\frac{2n}{3} - 4 = 6$
9	Using a ruler, a pencil and a protractor draw an angle of 130°	10	A meeting that ended at 11:45am took 1 hour 15 minutes . At what time did it start?



11	The mean of 2, 3, y, 6, 5 and 1 is 4 . Find the value of y .	12	A trader bought an article at Sh.24,000 and later sold it at Sh.30,000 . Calculate his percentage profit.
13	Change 1110_{two} to base ten.	14	Find the least number of apples when divided by either 9 or 8 pupils leaves 3 apples as a remainder.
15	In a class of 89 pupils, 39 of them were absent. Draw bundles to represent the number of pupils present.	16	Find the value of n in the diagram below. 
17	Without dividing, show that 36 is divisible by 3 .	18	Given that a=5 , b=-3 and c=a , workout the value $\frac{ab}{c}$.



19	Calculate the circumference of a circle whose diameter is 28cm (take $\pi = \frac{22}{7}$)	20	Mukiibi ate $\frac{1}{2}$ of the pancake and Kizito ate $\frac{1}{3}$ of the same pancake. Who ate the biggest part of the pancake?
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SECTION B (60 Marks)

- 21 Use the figure **2947** to answer the questions below.
a) Round off the figure to the nearest hundreds.

(02 marks)

- b) Express the above figure in standard form.

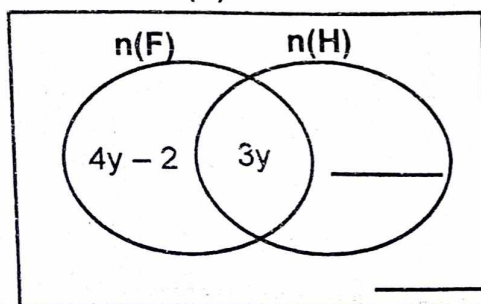
(02 marks)

- c) Find the value of **4** in the above figure.

(01 mark)

- 22 In a class of 60 pupils, **(4y-2)** pupils play football (**F**) only, **(2y+1)** play Hockey (**H**) but not football and 3y pupils play both games while **(y + 1)** play neither of the two games.
a) Use the above information to complete the Venn diagram below.

$$n(\Sigma) = 60$$



(02 marks)



b)	Find the value of y .	c)	How many pupils play only one game?
	(02 marks)		(02)

23	A man spent $\frac{2}{3}$ of his salary on food and rent.		
a)	What fraction of his salary did he remain with?	b)	If he remained with Sh.120,000 . How much is his salary?
	(02 marks)		(02 marks)

24	Below is a table showing the marks and the number of pupils in a class.					
	Marks	40	70	50	90	80
	Number of pupils	2	3	1	2	2
a)	How many pupils did the least?					
	(01 mark)					
b)	Find the median mark.	c)	Calculate the average mark for the number of pupils.			
	(02 marks)		(03 marks)			

25	Below are exchange rates of different currencies at Jerox Forex Bureau. Study them and answer the questions that follow. 1 US \$ = Ug.Sh.3200 1 K.Sh. = Ug.Sh. 30
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a) Sowedi came from United States of America with **900US** dollars to Uganda. How much money in Ug.Sh did he have?

(02 marks)

b) Convert Ug.sh. **360,000** to K.sh.

(02 marks)

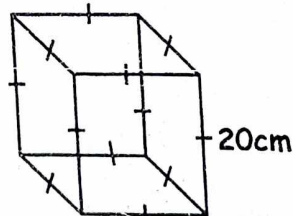
26 Using a ruler, a pencil and a pair of compasses only, construct a triangle ABC such that **AB=6cm**, **ABC=60°** and **BAC=45°**.

(04 marks)

b) Measure angle **ACB**.

(01 mark)

27 The diagram below shows a geometric figure with all sides equal. Study it carefully and use it to answer the questions that follow.



a) How many faces does the figure have?

(01 mark)



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b)	Calculate the base area of the figure.	c)	Workout the volume of the above figure.
	(02 marks)		(02 marks)
28 a)	Solve for y : $\frac{y}{4} = 6$.	b)	Collect like terms: $4r-2p+3r+5p$
	(02 marks)		(02 marks)
29	At Kyoga Baptist P/S, two bells for upper and lower section ring at intervals of 40 minute, and 30 minutes respectively.		
a)	After how many minutes will the two bells ring together?	b)	If they last rung the bells together at 9:30a.m , at what time will they ring together again?
	(02 marks)		(03 marks)



30	<p>a) Simplify: $\frac{0.12 \times 0.6}{0.4}$</p>	b)	<p>Express 0.272727..... as a simplified fraction.</p>
	(02 marks)		(03 marks)

31	<p>Study the numberline below and use it to answer the questions that follow.</p> <div style="text-align: center; margin: 10px 0;"> </div>		
<p>a) Name the integers represented by;</p> <p>i) a _____</p> <p>ii) b _____</p> <p>iii) c _____</p>	b)	<p>Write the mathematical statement for the above numberline.</p>	
		(03 marks)	(02 marks)

32	<p>Allen moved from town Y at 4:30p.m and reached town X at 5:00p.m. if she was moving at a speed of 120km/h.</p>		
<p>a) How long did she take travelling?</p>	b)	<p>How far is town X from town Y?</p>	
(02 marks)		(03 marks)	

