

CHISAWANI ZONAL MOCK EXAMINATIONS BOARD**2026 PRIMARY SCHOOL LEAVING CERTIFICATE EXAMINATIONS****MATHEMATICS****(100 MARKS)**

PRINTED BY:

NIXON PRINTERS

+265 993 944 910

Date: _____

Subject Number: _____

Time allowed: 2 hours

Candidate Name: _____

(Surname first)

INSTRUCTIONS

1. This paper contains **6** printed papers.
Please check.
2. Write your name and the name of your school in the spaces provided and your examination number on top of each page of this question paper
3. This paper consists of **two** sections. **A** and **B**. You are expected to answer all questions

IMPORTANCE

4. In all table provided on this page, tick against the question number you have answered.
5. Hand in your worked paper to the invigilator when time is called to stop

Questions number	Tick if answered	Do not write in these columns	
1-20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

Turn Over

SECTION A

EXAMINATION NO: _____

MULTIPLE CHOICE

(40 MARKS)

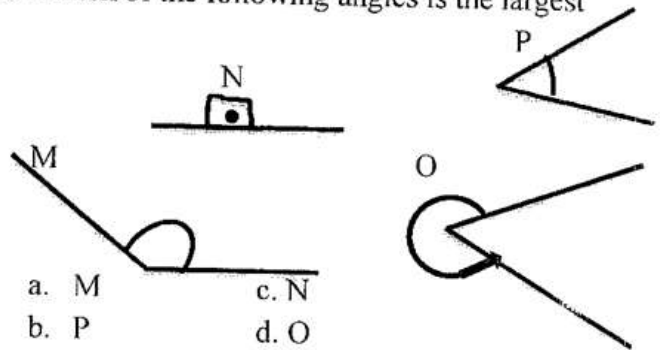
Answer all questions in this section by encircling (A, B, C or D) that best your answer

- Express $12\frac{7}{8}$ as a decimal
 - 12.875
 - 1.275
 - 128.75
 - 13.75
- Solve the equation. $2x - 3x + 5x = 8$
 - 2
 - 4
 - 6
 - 5
- The circumference of the circle is 88 cm calculate it radius
 - 24 cm
 - 14 cm
 - 28 cm
 - 7 cm
- Simplify $6s - 3s - 2s + s$
 - s
 - 2s
 - 5s
 - 3s
- If 1 dollar is equal to K1750. What is the value of \$275
 - K 481250
 - K 4812.50
 - K 471250
 - K 481.25
- Which of the following is the formular for area of a triangle
 - Length x width
 - Length x height
 - base x height
 - $\frac{1}{2}$ base x height
- How many degrees has a $\frac{3}{4}$ turn
 - 25°
 - 90°
 - 270°
 - 180°
- Calculate distance when speed is 68 km 1hr and time is 3hrs 15min
 - 212 km
 - 221 km
 - 122 km
 - 321 km
- Simplify $\frac{1}{9} : \frac{1}{3}$ to the lowest term.
 - 2:3
 - 1:1
 - 1:3
 - 3:2
- Express 29 as Roman numeral
 - XXIX
 - XXX
 - XXVI
 - XVXI

Table below shows number of learners who were absent in standard 8 at machembae school.

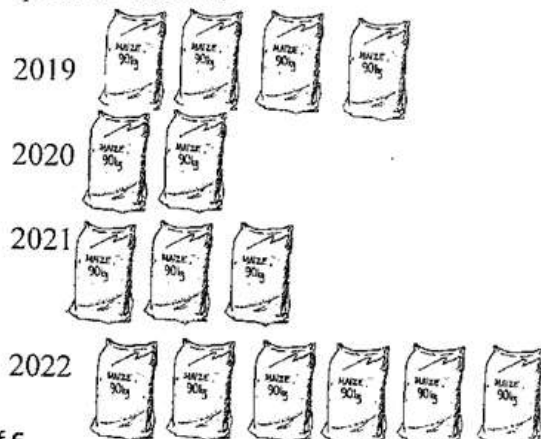
DAYS	NUMBER OF ABSENTEES
Monday	18
Tuesday	20
Wednesday	25
Thursday	20
Friday	15

- Which day had a largest number of absentees
 - Monday
 - Wednesday
 - Friday
 - Thursday
- What is the modal number of absentees
 - 18
 - 25
 - 20
 - 15
- Which of the following angles is the largest



- Write 25 minutes as a fraction of 1hr
 - $\frac{3}{12}$
 - $\frac{7}{12}$
 - $\frac{5}{12}$
 - $\frac{3}{15}$
- Calculate simple interest on K 12000 for 2 years at 10% per annum
 - K 24000
 - K 2400
 - K 2200
 - K 4200

Below is a picture graph shows number of bags maize produced in four years. Use it to answer question 16 & 17



Scale 1 bag = 20 bags

16. How many bags were harvested in 2021?

- a. 40 bags c. 80 bags
b. 60 bags d. 120 bags

17. Calculate the average number of bags harvested in 4 years

- a. 100 c. 90
b. 75 d. 20

18. Write 7894 to 2 significant figures

- a. 7890 c. 7800
b. 7990 d. 7900

19. How many decades are there from 2000 to 2023?

- a. 4 c. 5
b. 3 d. 2

20. Which of the following fractions is the largest?

- a. $\frac{2}{3}$ c. $\frac{4}{7}$
b. $\frac{3}{5}$ d. $\frac{13}{20}$

SECTION B**STRUCTURAL QUESTIONS****(60 MARKS)***Answer all questions in this section in the space you provide. Show your working*21. a) In a school there are 1800 learners. If 800 are boys, find the ratio of boys to girls. **(4 marks)**b) Using continued division method, find the HCF of 640, 760 and 880 **(4 marks)**22. Find the compound interest on K96 000 for 2 years at 20 % per annum **(4 marks)**23. (a) A man spent $\frac{2}{5}$ of his wages on food, $\frac{1}{6}$ of it on house rent and the remaining K31 200 on other items. How much were the wages for the man? **(5 marks)**

- (b) The enrolment for the school was 2350 learners in term 1. If the enrolment was increased by 4% in term 2, how many learners were there in term 2? (3 marks)

24. The **table 1** below shows income tax rates.

Income per month	Rate for Tax
First k 170, 000	0% (Tax free)
Next k 40, 000	15 %
	30 %
Excess (over) k25000	

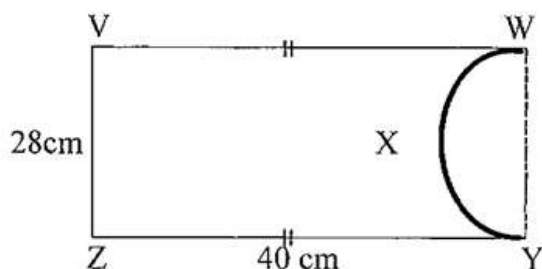
If a worker pays k 61,800 as income tax per month. What is the monthly salary for the worker?

(5 marks)

25. The average for 5 numbers is 15. If the numbers are 20, 12, 8, M and 10. Find the value of M

(3 marks)

26. The figure VWXYZ is a rectangle with a semicircle connected to it.



If the width of the rectangle forms the diameter of the semi-circle, calculate the perimeter of the figure.

(4 marks)

27. a) Solve the following inequality $13y + 4 \leq 3y + 34$ (3 marks)

b) A tank measures 6m long, 5m wide and 4m deep. Calculate the capacity of the tank in litres. (4 marks)

28. a) John bought 80 guavas at 5 for k400 and sold them at 4 for k450. Calculate the profit percent made. (3 marks)

B) The temperature for the first week of the month of January in 2025 were as follows:

25°C , 28°C , 27°C , 28°C , 25°C , 26°C , 25°C .

Calculate the

(i) Modal temperature (2 marks)

(ii) Median temperature in $^{\circ}\text{C}$ (2 marks)

29. A) In a number pattern. The first number is 12, the second number is 18 and the third is 24. Calculate the sixth number. (3 marks)

B) **Table 2** shows the number of eggs sold by a farmer in the first 5 days of the week.

Days	Number of Eggs
Monday	450
Tuesday	300
Wednesday	250
Thursday	400
Friday	200

Using a scale of 1cm to represent 50 eggs in the vertical axis, 2cm to represent a day in the horizontal axis, draw the bar graph. (5 marks)

30. Kalanga primary school made the following transactions in the month of December, 2024:

01-12-2024 Cash in hand K6, 500.00
 02-12-2024 Fundraising activities K2, 750.00
 02-12-2024 Bought beans K2, 000.00
 09-12-2024 Bought books K3, 125.00
 26-12-2024 Paid wages K 2,200.00
 27-12-2024 Sold trees K 1, 890

Prepare a cash book for kalanga primary school and balance it as on 1st January 2025. (6 marks)

END OF QUESTION PAPER