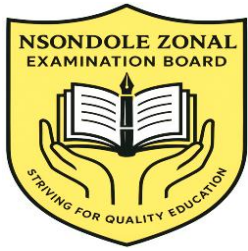


NSONDOLE ZONE EXAMINATIONS BOARD**2025 - 2026 PSLCE MOCK II EXAMINATION****MATHEMATICS****(100 marks)****Date:** 24th March 2026**Time allowed:** 2 hours

08:00 – 10:00 am

LEARNER'S NAME: _____

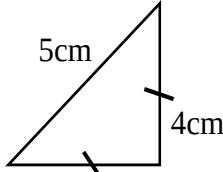
(Surname first)

NAME OF SCHOOL: _____ **ZONE** _____**INSTRUCTIONS:**

1. Answer all questions in all sections. In Section A encircle a letter representing the correct answer. In Section B, write your answers in the spaces provided on the question paper.
2. There are 20 multiple choice questions in Section A and 7 questions in Section B.
3. In section B, you need to show your working.

SECTION A (40 marks)

1. Express 431.809 to the nearest ones
A. 430.1 C. 431.000
B. 430.81 D. 432.000
2. What is 2, 301, 001 in words
A. Two million, thirty one thousand and one
B. Two million, one hundred and three thousand, one hundred
C. Two million, three hundred and one thousand and one
D. Two million , three hundred and one thousand, one hundred
3. Simplify $7m - 5m - 3m + 4m$
A. 2m C. 5m
B. 3m D. 19m
4. Draw the next shape in the following
▲ ■ ● ▲ ■ ● ▲ _____
A. ▲
B. ■
C. ●
D. ◆
5. Which number has $2 \times 2 \times 2$ as its prime factors
A. 2 C.6
B. 4 D. 8
6. Which of the following is the name of the angle below

A. Acute angle C. Reflex angle
B. Right angle D. obtuse angle
7. What is the perimeter of the following shape

A. $4c\ m^2$ C. $13\ cm^2$
B. 13 cm D. 20 cm
8. Which of the following is a tax imposed on goods manufactured within the country considered as luxuries
A. Surtax C. Excise duty
B. custom duty D. PAYEE
9. In accounting, balance C/d is carried to another month and is called _____
A. Balance C/f
B. Dr
C. balance B/d
D. Cr

EXAMINATION:

10. The head master of a certain school made a budget for his school. Among the items bought were 16 units of pencils at K50 each. Which of the following is the bill for pencils

- A. K66.00 C. K800.00
B. K80.00 D. K8000.00

11. The capacity of the bottle is 15l. What is the volume of the bottle in cm^3

- A. 15 cm^3 C. 1500 cm^3
B. 150 cm^3 D. 15000 cm^3

Figure 1 below is a bar graph showing pond temperature and air temperature recorded over 12 hour period

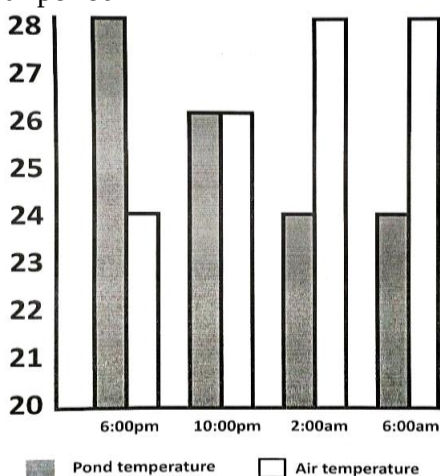


Figure 1

12. What is the average air temperature of the pond?

- A. 25.5°C C. 102°C
B. 26.5°C D. 106°C

13. Which of the following is the 24 hour time for 11:30 am?

- A. 11:00 am C. 12:00 noon
B. 11:30 hrs D. 23:30 hrs

14. Which of the following is the property of a kite?

- A. Adjacent sides are equal
B. Opposite sides are parallel
C. Opposite sides are equal
D. Opposite angles are parallel

15. Mr. Bongololo made a loss of 3% by selling a shirt at K8,730.00. What was the Cost Price of the shirt

- A. K8,468.10 C. K9,000.00
B. K8,727.00 D. K26,190.00

16. A commission of K2450.00 was received after making sales of K35, 000.00. At what rate per K1000 sales was the commission charged?

- A. K70.00 C. K37 450.00

- B. K32550.00 D. K85 750.00

17. The temperature of the three students at Misangu primary school during LTK treatment was 39.7°C . If two of the students Chikondi and Samukani whose temperature readings were 36.5°C and 37.0°C respectively. Find the temperature of the third student

- A. 33.8°C C. 73.5°C
B. 46.9°C D. 113.2°C

18. **Table 1** below shows bank exchange rate as on 15th May 2008

Table 1

Currency	Buying	selling
US Dollars (\$)	139.10	141.89
British pound (£)	282.95	294.27

Prince donated $\frac{1}{4}$ of \$ 680 to the construction of school block. How much is it in Malawian kwacha

- A. K170.00 C. K23,647.00
B. K280.99 D. K24,121.30

CAMFED Malawi under Educate a Child (EAC) program supported nine learners at Mafuwa F.P School with shoes of the following sizes, 37, 39, 40, 32, 39, 40, 38, 38 and 38.

Use this information to answer questions 19 and 20.

19. What was the mode size of shoes?

- A. 32 C. 38
B. 37 D. 40

20. What size of shoes was a learner with the smallest foot wearing?

- A. 32 C. 38
B. 37 D. 39

SECTION B (60 marks)

Answer all questions in this section. Write your answer in the spaces provided under each question. Show all your working

21. (a) Simplify $(11\frac{2}{3} \times 2\frac{2}{5}) - \frac{3}{4}$ (4 marks)



EXAMINATION:

(b) I am y years old. If my brother is 4 years older than me and our age is 48. How old am I?
(4 marks)

22. (a) A circle has a circumference of 11 cm.
Calculate its diameters (4 marks)

(b) Find the HCF OF 4 and 6 using continued division method (4 marks)

23. (a) Mwayi, Tupele and Chikondi shared K105,000.00 amongst themselves so that for every k2.00 Mwayi gets Tupele gets K3.00 and for every k4.00 Tupele gets Chikondi gets k5.00. How much did Tupele got?
(5 marks)

24. **Figure 2** is a sketch of a maize field ABCD drawn to a scale of 1 : 25

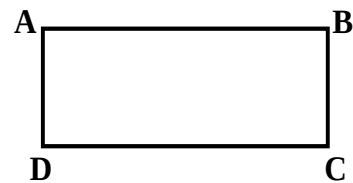


Figure 2

If the actual field is measured 200m by 150m

(a) What is the length and width of the diagram (2 marks)

(b) Using a ruler and a set squares, draw the diagram of the field accurately (5 marks)

EXAMINATION:

Table 2 shows price list of different items in a certain shop

Table 2

Item description	Price (K)
Salt per packet	9.50
Beef per Kg	250.00
Pencils each	4.50
Tomatoes per heap of 4	15.00
Bananas per 3	20.00

25. (a) Use the price list in the table above to work out the bill for $1\frac{1}{4}$ Kgs of beef, 2 units of pencils, 20 tomatoes and 15 bananas (6 marks)

- (b) Given 9 as the average of 6, 10, 8 and y .

Calculate the value of y (4 marks)

Figure 3 shows a piece **ABC** removed on a circular piece of paper **ABCD** with centre **O** and **DO** = 3.5 cm

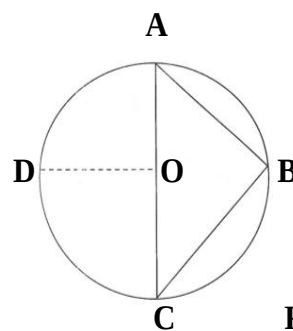


Figure 3

26. Find the area of the remaining part after removing part **ABC**. Take $\pi = \frac{22}{7}$ (6 marks)

Table 3 shows rates of tax on salaries per month for a certain year. Use it to answer question 27

Table 3

Salary per month	Rate of tax
First K9000	0% (Tax free)
Next K3000	15%
Over K12000	30%

27. Calculate the monthly tax of a worker pays on a monthly salary of K12 500.00 (5 marks)



EXAMINATION:

28. A car travelling from Zomba to Lilongwe had a stop over at Liwonde for a half an hour. If it departed in Zomba 1:00 pm and arrived in Lilongwe at 4:00 pm, how many hours did it took to travel from Zomba to Lilongwe

(3 marks)

29. Mrs. Banda has been in bank mkhonde for 5 years and banked only K5000.00. After all these years she was given an amount of K6 250.00. If this amount was calculated at a simple interest, find the rate per annum. (4 marks)

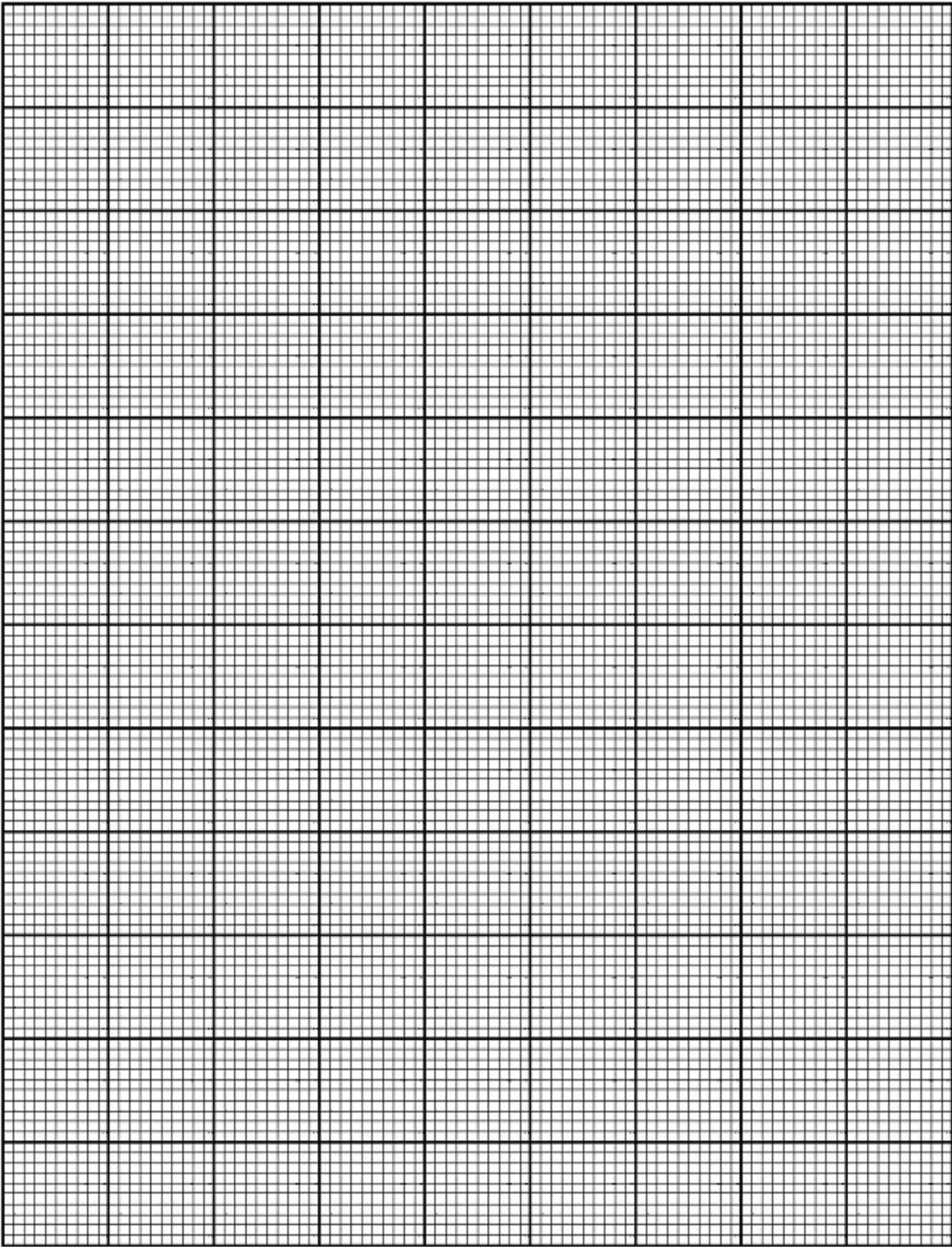
Table 4 shows mass of certain child at the Under-five clinic for 6 months

Table 4

Month	August	September	October	November	December	January
Mass (Kg)	2	4	6	6	8	8

30. Draw a line graph of mass against time using a scale of 1:1 in the vertical axis and 2 cm to represent a month on the horizontal axis. (6 marks)





End of Question Paper

