THE CHIMUNGU ZONAL EXAMINATION BOARD 2025
PRIMARY SCHOOL LEAVING CERTIFICATE MOCK EXAMINATION

MATHEMATICS
(100 marks)

Subject Number: P131

Time Allowed: 2 hours

Date: 20/02/2025

8:00 – 10:00 am

Name of Candidate: _____
(Surname First)

Name of School: _____

Instructions

1. **This paper contains 7 printed pages. Please check.**

2. There are **20** multiple choice questions in Section **A,** and **11** questions in Section **B.**

3. Answer **all** questions. **In** Section **A,** encircle the letter corresponding to the right answer to each question. In Section **B,** write your answers in the spaces provided under each question.

4. You are provided with **two** blank pages at the end of this question paper for rough work for Section **A,** Do **no**t tear them off.

5. In section **B,** you are required to show **all** your working.

6. The use of electronic calculators is **not** allowed.

7. In the table provided on this page**, tick** against the question number you have answered.

8. Please make sure you have written your **examination number,** your **name** and **School name** on the question paper in the spaces provided

9. Hand in your examination paper to the invigilator when time is called to stop writing.

|	Tick 21 – 30 If answered	Do not write in these columns	
1 – 20	███		
21 – 28	███		
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

Turn over

@ CHIZEBO 2025

SECTION A: (40 marks)

Answer all the questions in this section. Encircle the letter corresponding to the correct answer for each question. Use the blank pages at the end of this question for your rough work in this section only

1. Solve the following $958 - 556 + 785$
   - A. 1108
   - B. 1187
   - C 1871
   - D 7811

2. What is 17000 grams in kilograms
   - A. 17kg
   - B. 170kg
   - C 1700kg
   - D 17000kg

3. Express 911 to the nearest 10
   - A. 900
   - B. 1000
   - C 901
   - D 910

4. What is the value of n in the equation $4 - 5n = 24$
   - A. 2
   - B. 3
   - C 4
   - D 6

5. Express 45% as ratio
   - A. 9:20
   - B. 20:9
   - C 45:100
   - D 100:45

6. What is the place value of 9 in the following number 816.9742
   - A. Hundreds
   - B. Ones
   - C Tenth
   - D Thousandth

Figure 1 shows a triangle ABC. Use it to answer question 7

6cm   6cm

6cm
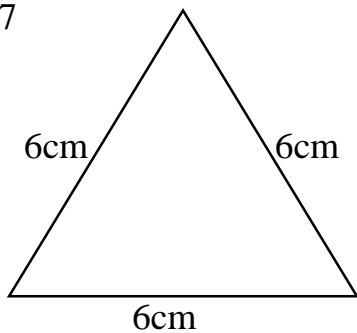
7. What name is given to the type of tringle ABC in figure 1
   - A. Isosceles
   - B. Scalene
   - C Equilateral
   - D Right angled

8. Find the simple interest to be paid on loan of K24000 for 3 years at 10% per annum
   - A. K720
   - B. K7200
   - C K24,720
   - D K31,200

9. A circumference of the base of a basin is 176cm. calculate its radius. Take (π **as** $\frac{22}{7}$)
   - A. 16cm
   - B. 28cm
   - C 56cm
   - D 112cm

10. What is the mean of the following numbers 10, 28 and 13
   - A. 17
   - B. 28
   - C 48
   - D 51

11. By how much does the sum of 25.04 and 96.75 exceed 72.5
   - A. 49.29
   - B. 57.74
   - C 131.79
   - D 144.21

12. Simplify the following fraction $\frac{2}{9} - \frac{1}{3} + \frac{25}{6}$
   - A. $\frac{19}{18}$
   - B. $1\frac{1}{18}$
   - C $\frac{13}{18}$
   - D $\frac{18}{19}$

Table 1 shows property and premium paid per month for the property in a certain year

PROPERTY	PREMIUM PER MONTH (K)
house	9000
car	4000

13. If Ziwako insured two cars and one house for one month only, how much did he pay altogether?
   - A. K8000
   - B. K13,000
   - C K17,000
   - D K22,000

14. Write in figures: Nine million, ninety-nine thousand and one
   - A. 9990001
   - B. 99901
   - C 999901
   - D 9,099001

15. Find the largest number that can share 56 sweets, 64 biscuits and 72 slices of bread without any remainder
    A. 16   C   8
    B. 24   D   72

16. A vehicle covered a distance of 60km in 30 minutes. What was its speed in km per hour
    A. 120km/hr   C   1800km/hr
    B. 2km/hr   D $\frac{1}{2}$km/hr

17. A shopkeeper sold 2 bales of sugar for K34,000. If each bale was bought at K15,000, what was profit made
    A. K1000   C   K4000
    B. K2000   D   K19,000

18. The height of a drawing of a building is 3cm. if a scale of 1cm to represent 300cm was used. What is the height of the building
    A. 100cm   C   297cm
    B. 900cm   D   303cm

19. A salesman receives a commission K70 in every K1000 sales. How much commission does he receive per K35,000 sales?
    A. K500   C   K2450
    B. K100   D   K7000

20. Chifundo scored 80% in a test. If the test was marked out of 20, calculate Chifundo's actual score
    A. 4   C   24
    B. 16   D   25

SECTION B (60MARKS)

Answer all questions in section B. write your answers in the spaces provided under each question. Show your working.

21. a) Divide 92km 15g by 7

(3marks

b) Simplify $\frac{4}{5}$ x $\frac{2}{3}$ − $\frac{3}{10}$ ÷ $\frac{3}{5}$

(4marks

22.a) Aleka had K5000 and bought 30 exercise books at K750 per unit and 5 pens at K120 per pen. Calculate the amount of money left

(5marks

b) Tinyade received R1275 from South Africa. If R1 = K50. Calculate the amount of money that Tinyade received in Malawi Kwacha

(3marks

The figure below shows a rectangle ABCD 15m long and 7m wide with semi – circle on two opposite sides
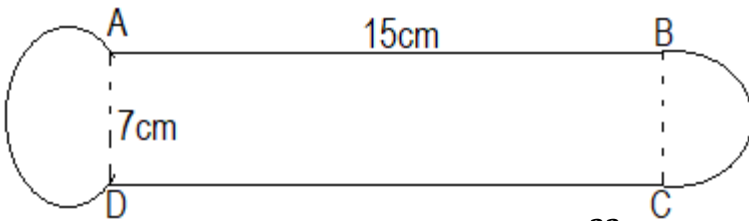
23.Calculate the perimeter of a figure (Take $\pi = \frac{22}{7}$)

(6marks

24.a) A farmer feeds 14 cows for 42 days on the field of pasture. How long can he feeds the cows if he puts 7 more cows on the field

(4marks

b) Chikondi had 2a + b guavas. If he received 10 + a other guavas. Find the total number of guavas she had

(3marks

25. A tobacco farmer sold 450 bales of tobacco at the auction floors. If 60% of the bales were sold at K25,000 each and the remaining were sold at K20,000 each. How much money did he make altogether

(6marks

26.a) Find the value added tax (VAT) Mr Phiri paid on goods worth K65,200 at the rate of $17\frac{1}{2}\%$

(4marks

b) Find the HCF of 480 and 1060 using continued division method

(3marks

The table below shows premium on insured property

TYPE OF PROPERTY	PREMIUM PER MONTH
Big house	1,380
Small house	950
House furniture	750

27.A family paid a total premium of K45000 after ensuring a property for an agreed period of 5years

a. Calculate the premium per month

(3marks

b. What property was ensured

(3marks

28. Calculate the difference between the simple interest and compound interest on K100 000 per 2years at 20% per annum

(6marks

29. A car travelled at a speed of 80km per hour for five hours. Using a scale of 2cm to represent 1 hour on horizontal axis and 2cm to represent 80km on vertical axis. Plot a line graph to represent the information

Use your graph to find
i.   The time the car would take to cover 280km
ii.   The distance the car would cover in $1\frac{1}{2}$hr

THE END OF QUESTION PAPER