NAMPHENDE EXAMINATION BOARD
2024/25 TERM 1 EXAMINATIONS FOR STD 8
MATHEMATICS
(100 MARKS)

NAME: (Surname First) _____
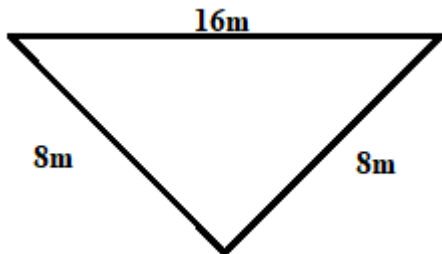
SCHOOL_____**DATE:** _____

Instructions:

1. Write your name on the space provided

2. This paper consists of **6** pages please check.

3. Encircle the letter representing the correct answer in Section **A** and answer all questions in Section **B** by writing your answers in the space provided after each question.

4. The use of electronic calculator is not allowed

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

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

Question number	Tick 21 – 25 if answered	Do not write in these columns	
1 -20			
21			
22			
23			
24			
25			
26			

SECTION A (30 MARKS)

1. What is five hundred thousand four hundred and seventy one in figures?

    A. 547000   **B.** 500471

    C. 500401   **D.** 504071

2. Fatsani planted 1080 trees in 12 equal rows. How many trees are in each row?

    A. 1092   **B.** 12960

    C. 90   **D.** 1068

3. Find the perimeter of the following figure.

    A. 32m   **B.** 64m

    C. 24m   **D.** 16m

4. What is 837 in Roman numerals?

    A. DCXXVII   **B.** CCMXXVII

    C. DCCCVIIXXX   **D.** DCCCXXXVII

5. Subtract 0.00986 from 0.058.

    A. 0.04814   **B.** 0.4824

    C. 0.04918   **D.** 0.05186

6. Express 0.0098754 to three significant figures.

    A. 0.01   **B.** 0.00987

    C. 0.009   **D.** 0.00988

7. A person celebrated his diamond jubilee ten years ago. How old is he now?

    A. 40   **B.** 50

    C. 60   **D.** 70

8. The table below shows selection results for Namphende Primary School. Use it to answer question 8 and 9.

CLASS	NO. OF LEARNERS SELECTED
8A	$\frac{1}{2}$ of the class
8B	$\frac{1}{4}$ of the class
8C	$\frac{5}{12}$ of the class
8D	$\frac{2}{3}$ of the class

8. If each class had the same number of learners, which class had the smallest number of learners?

    A. 8A   **B.** 8B

    C. 8C   **D.** 8D

9. Find the number of learners selected from 8C if it had a total of 60 learners.

    A. 20   **B.** 25

    C. 72   **D.** 10

10. The basic salary of Mr. Zimba is k67, 400 if a 10% increment is given, how much is the new salary?

    A. k60, 600   **B.** k60, 360

    C. k73140   **D.** k74, 140

11. A lady paid k2280 for 4 dresses which were marked k600 each. Find the total discount that the lady was given.

    A. k120   **B.** k150

    C. k570   **D.** k1680

12. What is the place value of 6 in 34. 769?

    A. Hundreds   **B.** Hundredth

    C. Tens   **D.** Tenth

13. James gets k18000 a month. He uses 5% of this to pay for the rent. What part of his salary remains?

    A. k900   **B.** k17100

    C. k16100   **D.** k18000

14. The average age of 5 girls is 12. On them is 16 year old. What is the average age of the remaining 4 girls?

    A. 46 years   **B.** 12 years

    C. 11 years   **D.** 44 years

15. Calculate the number of years from 18BC to 21AD.

    A. 52 years   **B.** 30 years

    C. 28 years   **D.** 39 years

16. Decrease 80 by 20%.

    A. 16   **B.** 60

    C. 96   **D.** 64

17. What is 999500 tambala in kwacha and tambala?

    A. k99 95t   **B.** k9995 00t

    C. k999 50t   **D.** k999 05t

18. A company paid k400 000 as customs duty for a machine worth k1, 600 000. At what rate was the custom duty charged?

    A. 25%   **B.** 1.5%

    C. 2.5%   **D.** 40%

19. Simplify 4y-12y+17y-6y

    A. 3y   **B.** 15y

    C. 18y   **D.** 19y

20. Which of the following values of angles represents a reflex angle?

    A. 70   **B.** 90

    C. 150   **D.** 275

21. a. A bottle has a volume of 35 000 cm. What is the capacity of the bottle in litres?

(3 marks)

b. A vehicle covered a distance of 60 kilometres in 30 minutes. What was its speed in km/hour?

(3 marks)

22. Simplify $11.7 + 2.64 + 0.312$, write your answer to 2 significant figures.

(3 marks)

23. a. Calculate the difference between the LCM and HCF of 16, 20 and 40.

(5 marks)

b. Table shows rates of tax on salaries per month for a certain year.

Salary per month	Rate of tax
First 900	0% (tax free)
Next k3000	15%
Over k12 000	30%

Use the information in the table to calculate the monthly tax a worker pays on a monthly salary of k18500.

(5 marks)

c. A pair of trousers marked at k6500 was sold at k5 850. What was the discount percentage?

(3 marks)

24. a. Convert 2 days 5 hours 10 minutes to minutes.

(4 marks)

b. Alinafe and Tawina shared pens in the ratio 2:3 respectively. If the total number of pens was 30, how many pens does each had?

(4 marks)

25. a. Change 2.25 to a mixed number.

(3 marks)

b. Express 90 as a fraction of a complete turn.

(3 marks)

26. a. Find the biggest number of farmers that can share 9 treadle pumps, 21 bags of fertilizer and 12 packets of seeds without a remainder.

(5 marks)

b. Simplify $\dfrac{5}{12} \times \dfrac{3}{8} \div \dfrac{1}{6}$

(3 marks)

27. Mr. Ngana gave $\dfrac{2}{3}$ of \$900 to his son. What is the value of the remaining dollars in Malawi kwacha? (\$1=k1500)

(4 marks)

b. Express 2379 to the nearest 1000.

(3 marks)

28. a. If four learners could slash the ground in 36 days, how many more learners will be required to slash it in 24days?

(3 marks)

b. Table shows the enrollment for 4 selected schools in Migowi zone.

School	Namphende	Migowi	Chingazi	Monjo
Enrollment	280	240	340	300

Use the above table to represent the information on a bar graph. Using a scale of 1cm to represents 70 learners.

(6 marks)

END OF QUESTION PAPER