



# NKHAMENYA ZONE EXAMINATION BOARD

## 2025 PRE-ZONAL MOCK T3

### MATHEMATICS

### STANDARD 5

(100 MARKS)

NAME OF A LEARNER: \_\_\_\_\_ DATE \_\_\_\_\_

NAME OF SCHOOL: \_\_\_\_\_

Instructions

#### INSTRUCTIONS:

- Answer all questions.
- Remember to write your name on space provided.

#### SECTION A – MULTIPLE CHOICE

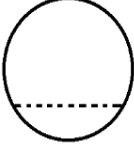
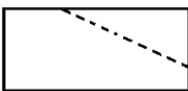
1. Multiply  $\frac{1}{2}$  by  $\frac{1}{2}$

- a. 1                      c.  $\frac{1}{4}$   
b.  $\frac{1}{2}$                     d. 4

2. Change  $\frac{13}{5}$  to decimal.

- a. 2. 5                    c. 6. 2  
b. 2.6                    d. 1.2

3. Which one of the following shapes shows line of symmetry?

- a.                       c.   
b.                       d. 

4. How many  $\frac{1}{4}$  are there in 1

- a. 2      b. 1      c. 4      d. 5

5. Change 1200g to kilograms and grams.

- a. 1000 kg 200g  
b. 12 kg 200g  
c. 1 kg 200g  
d. 200 kg 1g

6. What is the time?

**2: 33**

- a. Quarter to 2

b. 27 minutes past 2

c. 2 minutes past 3

d. 27 minutes to 3

7. Write thirty thousand and nine in figures.

- a. 30900      c. 309 000  
b. 30090      d. 30 009

8. There are 8 schools. Each school received 5450 exercise books. How many exercise books were there altogether?

- a. 681                      c. 681000  
b. 43600                  d. 436

9. Change 286 mm to dm cm mm

- a. 2dm 8 cm 6 mm  
b. 20dm 8 cm 6 mm  
c. 20 dm 80 cm 60 mm  
d. 1 dm 3 cm 2 mm

10. What is the place value of 3 in 306?

- a. Ones      c. Thousands  
b. Hundreds      d. Tens

11. Write in short, the sum of 9 cups and 2 cups is 11 cups.

- a.  $11c + 2c = 13c$   
b.  $9c + 2c = 11c$   
c.  $11c - 2c = 9c$   
d.  $9c - 2c = 7c$

12. Find the perimeter of a square whose sides is 10 cm

- a. 20 cm      c. 40 cm  
b. 30 cm      d. 50 cm



13. How many seconds make 2 minutes?

- a. 60 seconds      c. 24 seconds  
b. 40 seconds      d. 120 seconds

14. Find the product of 24 and 9

- a. 33      c. 2  
b. 15      d. 216

15. What is the HCF of 9, 24 and 15.

- a. 9      c. 6  
b. 2      d. 3

16. Find the equivalent fraction of  $\frac{7}{11}$

- a.  $\frac{49}{77}$       c.  $\frac{18}{77}$   
b.  $\frac{14}{33}$       d.  $\frac{9}{13}$

17. Change 0.12 into fraction.

- a.  $\frac{12}{10}$       c.  $\frac{12}{100}$   
b.  $\frac{1}{2}$       d.  $\frac{9}{13}$

18. What is the lowest common multiple of 18 and 24

- a. 72      c. 6  
b. 3      d. 8

19. Write ten minutes to three in figures

- a. 3: 10      c. 10: 30  
b. 10: 35      d. 2: 50

20. Add 31 010, 12541 and 26 342

- a. 69 893      c. 6900  
b. 6989      d. 73471

### SECTION B (60 MARKS)

21.(a) Write 15002 in words

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4 marks

(b) Change 2430 metres into kilometres and metres

3 marks

(c) Add 3092 and 97

3 marks

22.(a) Chikondi had K94 020 50t. She spent K 20 150 40t. How much money was left.

4 marks



(b) Complete the following table.

| Subject     | Number | Tally   |
|-------------|--------|---------|
| Chichewa    | 24     |         |
| Life skills |        | /// //  |
| Mathematics | 4      |         |
| Agriculture |        | /// /// |
| Science     | 19     |         |

6 marks

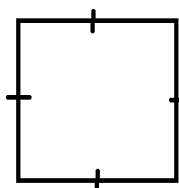
23.(a) Model 321 002 on the abacus.

4 marks

(b) Express 24 as a product of its prime factors .

6 marks

24.(a) Name the shape.



2 marks

(b) Re – arrange 3075, 40251, 1192, 32075 in a decreasing order.

4 marks

(c) Write the time 8: 55 in words.

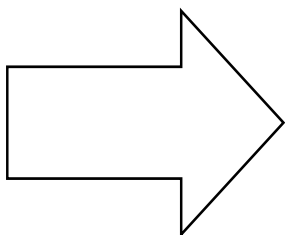
4 marks



25.(a)  $48472 \div 23$

5 marks

(b) Mark the line of symmetry in the figure below.

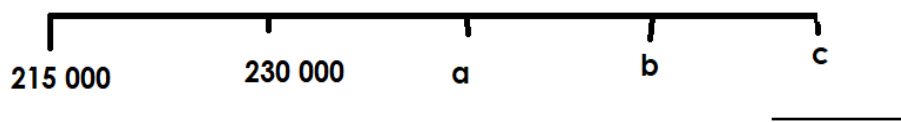


3 marks

(c) Change 0.5 to a fraction.

2 marks

26.(a) What number should be at a,b, c add on the following number line.



4 marks

(b) Complete the following fraction

$$\frac{1}{4} = \frac{\boxed{\phantom{00}}}{20} = \frac{10}{\boxed{\phantom{00}}}$$

4 marks

(c) Change the following into a decimal number  $\frac{57}{100}$

2 marks

End of questions