

THE LILONGWE URBAN DISTRICT EXAMINATION BOARD
2023 END OF THIRD TERM EXAMINATIONS FOR STD 6

MATHEMATICS
(100 Marks)

Time allowed:

Date:/...../.....

NAME OF CANDIDATE: _____

(Surname first)

NAME OF SCHOOL: _____

INSTRUCTIONS

- This paper contains **6 pages**. Please check
- Answer **all** questions.
- Encircle the letter corresponding to the right answer to each question
- This paper has **two** sections **A and B**.
- Follow instructions for each section carefully.

IMPORTANT

- Make sure you have written your **name** and **school name** on the question paper in the spaces provided.
- Please hand in your filled-in question paper to the invigilator at the end of the examination

SECTION A (40MARKS)

1. Write one million two hundred ninety four thousand and twenty four

A. 1 224 024 C. 1 294 024
B. 1324 024 D. 1 284 ,024

2. Find the LCM of 4, 6 and 8

A. 23 C. 22
B. 20 D. 24

3. Change the mixed fraction to be improper fraction: $2\frac{1}{5}$

A. $\frac{10}{5}$ C. $\frac{6}{5}$

B. $\frac{11}{5}$ D. $\frac{15}{5}$

4. Simplify 8: 12 to its lowest term

A. 1:2 C. 2:3
B. 3:4 D. 3:8

5.
$$\begin{array}{r} 0.341 \\ + 0.260 \\ \hline \end{array}$$

A. 0.501 C. 0.606
B. 0.701 D. 0.601

6. $0.32 \div 8$

A. 0.05 C. 0.6

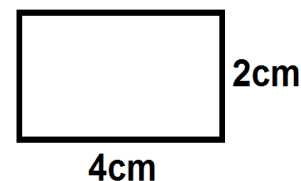
B. 0.04

D. 0.4

7. Change 56.8 to the nearest whole number

A. 59 C. 58
B. 57 D. 59.5

- 8.



What name is given to the above shape

A. Triangle C. Rectangle
B. Square D. Circle

9.
$$\begin{array}{r} \ell \qquad \qquad \qquad \text{ml} \\ 269 \qquad \qquad \qquad 55 \\ \times \qquad \qquad \qquad 5 \\ \hline \end{array}$$

A. 1345ℓ 275ml
B. 1245ℓ 265ml
C. 1445ℓ 278ml
D. 1748ℓ 378ml

10. Find the sum of 1280506, 2072936, 123, 284, 2750 283 and 2378943



- A. 10705953 C. 11, 605 953
B. 8 605 952 D. 8, 705 695

11. Find the area of a triangle which has a base of 4cm and height of 5cm
A. 30cm^2 C. 15cm^2
B. 20cm^2 D. 10cm^2

12. What is the missing number in the following number patterns?

12, 36, 108 _____

- A. 72 C. 324
B. 144 D. 288

For question 13 and 14 use table 1 shows learners marks represented by tallies

Learners	Marks %
Rhoda	
Elina	
Zione	

13. Find the total marks scored by Zione

- A. 18 C. 15
B. 17 D. 22

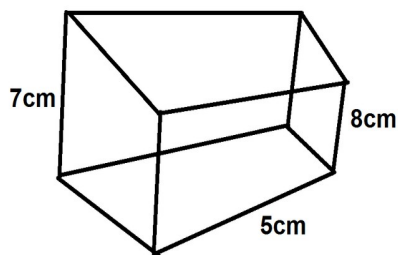
14. Which learner scored 18%

- A. Zione C. Rhoda
B. Elina D. Mphatso

15. From the inequality from the following:
Y minus 9 is less than 0

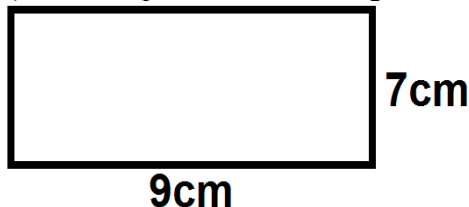
- A. $Y + 9 = 10$ C. $Y - 9 < 10$
B. $Y - 9 > 10$ D. $Y + 10 > 9$

16. Find the volume of cuboids below



SECTION B (60MARKS)

21. (a) Find the perimeter of the figure below



- A. 275cm^3 C. 260cm^3
B. 200cm^3 D. 280cm^3

17. Simplify the following ratio to their simplest form:

$$1\frac{1}{4} : 1\frac{2}{3}$$

- A. 3:4 C. 2:3
B. 3:5 D. 5:7

18. A bicycle costs K6 890 what is the cost of 23 bicycle

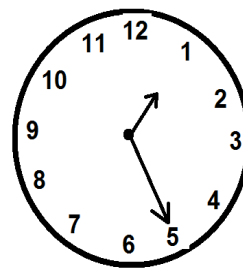
- A. K582450 C. K158 470
B. K580 482 D. K1,058 478

19. Change $\frac{5}{2}$ to mixed fraction

- A. $2\frac{1}{2}$ C. $4\frac{1}{2}$

- B. $3\frac{1}{2}$ D. $6\frac{1}{2}$

20. Tell the following time



- A. 25minutes past 3
B. 25minutes to 3
C. 25 minutes past 1
D. 26minutes past 2

3marks

(b) Simplify $3\frac{5}{8} + 4\frac{1}{5}$

3marks

22. (a) Mrs Phiri bought the following items:

6 packets of sugar at K1550 each

4 bunches of rape at K5.00 each

5 books at K25.00 each

Prepare the bill

5marks

(b) How much change did he receive from K10, 000?

2marks

23. Take away K28642.99 from K42322.00

2marks



24. (a) $\frac{7}{9} - \frac{2}{5}$

3marks

(b)

	Km	m	cm
	5	210	15
	7	975	82
+	12	126	63

5marks

25. In standard 6 there are 60 girls and 40 boys

i. What is the ratio of the number girls to the number of boys?

3marks

ii. What is the ratio of the number boys to number of girls

3marks

26. Copy and complete the following table

K t	K	Tambala
183 40	183.40	18 340
_____	_____	7983
_____	908.56	_____
8924 38	8924.38	_____

5marks

27. Simplify: $1\frac{1}{2} : 1\frac{3}{4}$ to its lowest term



4marks

28.

$$\begin{array}{r} 7 \overline{) 861\ell \quad 840\text{ml}} \end{array}$$

5marks

29. (a) Simplify $7\frac{1}{5} \times 3\frac{3}{4}$

4marks

(b) Find the HCF of 20 and 104 using continued division method



5marks

30. The number of tree in 5 zones of a certain district were as follows
Using a scale of 1:20 draw a picture graph to show this information

Zone	Number of trees
Dzobwe	200
Menyani	240
Lemekezani	180
Temwani	220
Sinde	280

8marks

END OF QUESTION PAPER

