

MGWIRIZANO PRIMARY SCHOOL



2020 END OF THIRD TERM EXAMINATION

MATHEMATIC STANDARD 7

Name: _____

Instructions:

- Answer all questions
- Use of electronic calculator is not allowed
- Show your work in section B
- Encircle only one answer in section B

SECTION A

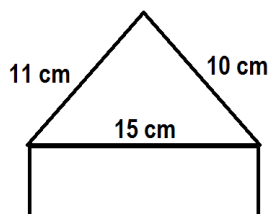
1. Which of the following Hindu Arabic numerals represent Roman numeral MDC

- a. 1600
- b. 1000
- c. 1400
- d. 1300

2. Find 20% of k500

- a. K100
- b. K200
- c. K300
- d. K400

3. Find the perimeter of the figure above

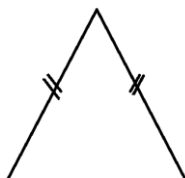


- a. 10cm
- b. 60cm
- c. 58cm
- d. 65cm

4. How many are in 80 years

- a. 8
- b. 6
- c. 5
- d. 4

Figure 2 shows a type of triangle



5. Identify the type of triangle above

- a. Scalene
- b. Equilateral
- c. Isosceles
- d. Right angle

6. $592 \div 74 + 991$

- a. 992
- b. 993
- c. 999
- d. 996

7. Express 60% as a fraction

- a. $\frac{3}{4}$
- b. $\frac{3}{5}$
- c. $\frac{3}{10}$
- d. $\frac{3}{7}$

8. Find the price of a dress if it was sold at a loss of k100.00

- a. K1200
- b. K1000
- c. K8000
- d. K600

9. Find the simple interest on k600 for 2 years per year.

- a. K26.00
- b. K24.00
- c. K22.00
- d. 20.00

10. Calculate the circumference of circle whose diameter is 14cm

- a. 22cm
- b. 44cm
- c. 66cm
- d. 88cm

11. Find the volume of a cuboid with the following measurements 6m long 4m wide and 3m height

- a. 24m^3
- b. 48m^3
- c. 72^3
- d. 96m^3

12. What are the next two numbers in the number pattern 5,10,20 ____ ____?

- a. 30 40
- b. 40 60
- c. 40 80
- d. 40 100

13. 7a 5a a

- a. a1
- b. 1a
- c. a
- d. a9

14. find the average of 10 and 16

- a. 26
- b. 16
- c. 13
- d. 10

15. How many grams are in 1 kg

- a. 10gm
- b. 100gm
- c. 100gm
- d. 10000gm

16. Simplify $16\frac{1}{10} - 12\frac{2}{15} + 4\frac{3}{5}$

- a. $16\frac{23}{30}$
- b. $2\frac{27}{30}$
- c. $2\frac{23}{30}$
- d. $2\frac{19}{30}$

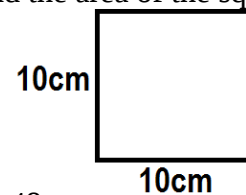
17. Convert 49684 to kwacha and tambala

- a. K496.86
- b. K4968..4t
- c. 49684t
- d. K496.84t

18. Find the HFC of 20 and 26

- a. 110
- b. 60
- c. 10
- d. 4

19. Find the area of the square below



- a. 48cm
- b. 1000cm
- c. 100
- d. 110cm

20. How many days are there in a year?

- a. 88 days
- b. 1270 days
- c. 185 days
- d. 365 days

SECTION B

Answer all questions and show your working

21. Find the smallest number that can be put into groups of 40, 54, 30 and 45 each without leaving a remainder. (6 marks)

Simplify $15\frac{2}{3} - 8\frac{1}{2} + 4\frac{2}{5}$

(5 marks)

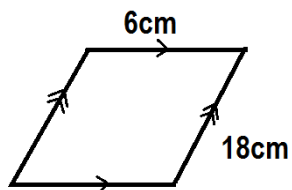
22. a. Express 0.026312 to 2 significant figures

(3 marks)

b. What was the discount on a shirt which was marked at k980.00 and was sold at k930.00?

c. Construct a 60° angle using a ruler and protractor.

23. a. Calculate the area of the parallelogram below.



(5marks)

b. a bus takes 5 hours to travel from Lilongwe to Zomba. Find its speed if the speed is 300km
(6 marks)

c. Express $\frac{3}{4}$ fraction as percentage (3 marks)

24. a. $25n - 16n - 8n$

b. Formulate the number sentences from the following. Mary think of number y , increase it by 9
the result is 15
(5 marks)

c. The picture graph shows the number of cups recorded on a check point in three weeks

week 1

week 2

week 1 

week 2 

week 3 

If  represents 30 cups

i. How many cups were recorded during week 2

ii. Calculate the number of cups recorded in all 3 three weeks.

iii. Which week had the least number of cups recorded

25. Enter the following transaction into a cash account and balance it. 1 March 2020 balance in hand k4900, 5 March 2020 bought a pair of shoes k1510, 6 March, 2020 sold beans at k2680, 8 March, 2020 sold 5 sheep at k1100, 22 March bought maize flour at k1300

26. How much shall you pay if you buy the following
1 chicken at k300.00 each
2 kg sugar at k95.00 per kg
5 packets of rice at k90.00 per packet

END OF QUESTION PAPER

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