

Mathematics

Date: 12/June/2025

Period: 2:00 pm-4:00 pm



END OF TERM III EXAMINATIONS

GRADE: PRIMARY FOUR

OPTION: PRIMARY

DURATION: 2 HOURS

MARKS:

/50

INSTRUCTIONS

- 1) This paper contains **one** section.
- 2) Attempt all questions. **(50 marks)**
- 3) **Geometrical instruments** may be used.
- 4) Use only a **blue** or **black** pen.

ANSWER ALL QUESTIONS. (50 marks)

- 1) Choose the correct answer for the following: **(2 marks)**
- a) 53245 is fifty two thousand three hundred fourth five.
 - b) 53245 is fifty three thousand three hundred fourth five.
 - c) 53245 is fifty three thousand two hundred fourth five.
 - d) 53245 is fifty three thousand two hundred forty-five.
- 2) Write down the place values of the underlined digits in the given numbers: **(4 marks)**
- a) 3 289:
 - b) 87 204:
- 3) Arrange these integers from the biggest to smallest (descending order)
- 9, -5, +3, +2, 0, +5, +6:,,,,,, **(3 marks)**
- 4) Choose the correct answer:
- LCM of the numbers 12 and 15 is **(3 marks)**
- a) 27
 - b) 3
 - c) 60
 - d) 180

5) Work out and choose the correct answer:

$$\frac{8}{33} + \frac{17}{33} =$$

(3 marks)

a) $\frac{25}{66}$

b) $\frac{25}{33}$

c) $\frac{8}{33}$

d) $\frac{17}{33}$

6) Without drawing a number line, state the distance between the following points on the number line: **(3 marks)**

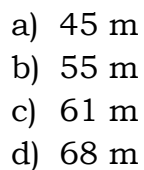
a) +3 and -1

b) -2 and +10

c) -10 and +10

7) Choose the correct answer.
The perimeter of the following figure is:

(3 marks)



8) Fill the missing numbers: **(3 marks)**
 $5\text{ kg} + 6\text{ kg} = \dots\dots\dots\text{hg}$

(3 marks)

9) Choose the correct answer.

The total land area of our country Rwanda is 26 338 km². Lake Victoria has an area of 69 484 km².

By how much is Lake Victoria bigger than Rwanda?

(3 marks)

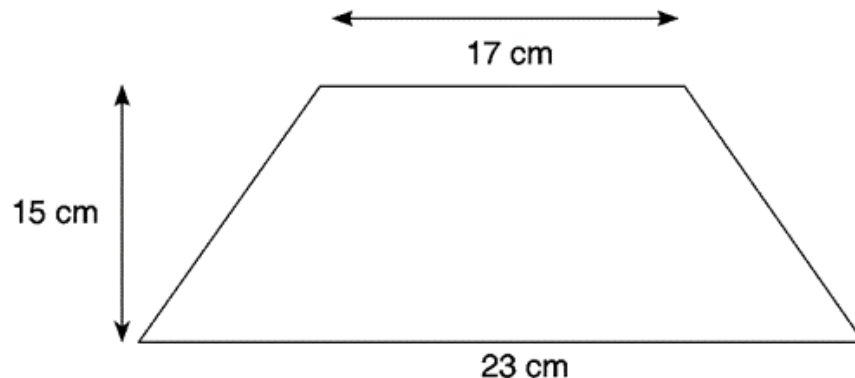
- 2024-2025-NESA (National Examination and School Inspection Authority) Page 4 of 6

- 10) Manzi was given 3 000 Frw by his father as pocket money for school use. He bought a pen at 200 Frw, a book at 500 Frw and mathematical set at 900 Frw. How much money is left with him? **(5 marks)**

- 11) Complete the missing numbers: **(4 marks)**
- a) 4, 7, 12, 19, 28, _____, _____
 - b) 20, 23, 28, 35, _____, _____

- 12) Choose the correct answer. **(2 marks)**
- The supplementary angle of 121° is:
- a) 59°
 - b) 31°
 - c) 239°
 - d) 180°

- 13) Choose the correct answer. **(3 marks)**
- The area of the trapezium given below is:



- a) 345 cm^2
- b) 255 cm^2
- c) 391 cm^2
- d) 300 cm^2

- 14) The data below shows the marks obtained (out of 100) by some pupils in Mathematics test:

50, 80, 70, 90, 80, 90, 40, 60, 80, 40, 50, 80, 60, 40, 50, 80, 90, 60, 70, 40.

- a) Fill these data in a table below. **(3 marks)**

Marks	Number of pupils
90	
80	
70	
60	
50	
40	
Total	

- b) How many pupils did they sit for the test? **(1 mark)**

- c) What was the highest marks scored? **(1 mark)**

- 15) The data below shows the number of boys from P1 to P5 in GS A.

Classes	P1	P2	P3	P4	P5
Number of boys	10	15	20	5	15

Represent this data on a bar graph. **(4 marks)**

Mathematics

MARKING GUIDE



END OF TERM III EXAMINATIONS

GRADE: PRIMARY FOUR

OPTION: PRIMARY

DURATION: 2 HOURS

MARKS:

/50

INSTRUCTIONS

- 1) This paper contains **one** section.
- 2) Attempt all questions. **(50 marks)**
- 3) **Geometrical instruments** may be used.
- 4) Use only a **blue** or **black** pen.

ANSWER ALL QUESTIONS. (50 marks)

- 1) Choose the correct answer for the following:
- a) 53245 is fifty-two thousand three hundred fourth five
 - b) 53245 is fifty-three thousand three hundred fourth five
 - c) 53245 is fifty-three thousand two hundred fourth five
 - d) **53245 is fifty-three thousand two hundred forty-five.** $\Leftarrow$ **2**
- 2) Write down the place values of the underlined digits in the given numbers:
- a) 3 289: 2: **hundreds****2**
 - b) 87 204: 4: **ones****2**
- 3) Arrange these integers from the biggest to smallest (descending order)
-9, -5, +3, +2, 0, +5, +6 : **+6, +5, +3, +2, 0, -5, -9**.....**3**
- 4) Chose the correct answer:
- LCM of the numbers 12 and 15 is;
- a) 27
 - b) 3
 - c) 60 $\Leftarrow$
 - d) 180
- Multiples of 12 = {12, 24, 36, 48, **60**, 72, 84, 96, 108, ...}
- Multiples of 15 = {15, 30, 45, **60**, 75, 90, 105, 120, 135, ...}
- The lowest common multiple is 60. So, the LCM of 12 and 15 = **60**
- The correct answer is **c) 60** **3**

5) Work out and choose the correct answer:

$$\frac{8}{33} + \frac{17}{33} = \frac{8+17}{33} = \frac{25}{33}$$

a) $\frac{25}{66}$

b) $\frac{25}{33} \Leftarrow$

c) $\frac{8}{33}$

d) $\frac{17}{33}$

The correct answer is b) $\frac{25}{33}$ 3

6) Without drawing a number line, state the distance between the following points on the number line:

a) +3 and -1

b) -2 and +10

c) -10 and +10

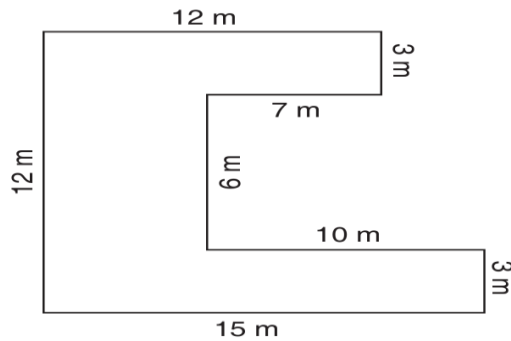
Answers

a) The distance between +3 and -1 = $+3 - (-1) = 3+1 = \mathbf{4}$ **1**

b) The distance between -2 and +10 = $10 - (-2) = 10+2 = \mathbf{12}$ **1**

c) The distance between -10 and +10 = $10 - (-10) = 10+10 = \mathbf{20}$ **1**

7) Choose the correct answer: The perimeter of the following figure is



- a) 45 m
- b) 55 m
- c) 61 m
- d) 68 m** ←

The perimeter= $12\text{m} + 12\text{m} + 3\text{m} + 7\text{m} + 6\text{m} + 10\text{m} + 3\text{m} + 15\text{m} = 68\text{m}$

The correct answer is d) 68 m..... 3

8) Fill the missing numbers:

$5\text{kg} + 6\text{kg} = 110\text{hg}$ **3**

$5\text{kg} + 6\text{kg} = 11\text{kg}$
 $= 110\text{hg}$

9) Choose the correct answer.

The total land area of our country Rwanda is $26\,338\text{ km}^2$. Lake Victoria has an area of $69\,484\text{ km}^2$. By how much is Lake Victoria bigger than Rwanda?

- a) Lake Victoria is $95\,822\text{ km}^2$ bigger than Rwanda.
- b) Lake Victoria is $43\,146\text{ km}^2$ bigger than Rwanda.** ←
- c) Lake Victoria is 2.638 km^2 bigger than Rwanda.
- d) Lake Victoria is $41\,346\text{ km}^2$ bigger than Rwanda.

Answer

Rwanda from the area of Lake Victoria.

$$69,484\text{ km}^2 - 26,338\text{ km}^2 = 43,146\text{ km}^2$$

Therefore, **the correct answer is b) Lake Victoria is $43,146\text{ km}^2$ bigger than Rwanda.3**

10) Manzi was given 3 000 Frw by his father as pocket money for school use. He bought a pen at 200 Frw, a book at 500 and mathematical set at 900 Frw. How much money is left with him?

Answer:

Cost of a pen = 200 Frw

Cost of a book = 500 Frw

Cost of a mathematical set = 900 Frw

Total amount of money spent by Manzi = $(200 + 500 + 900)$ Frw **1**
= 1 600 Frw **1**

Pocket money given to Manzi by his father = 3 000 Frw

Money left with Manzi = $(3\,000 - 1\,600)$ Frw **2**
= **1400 Frw** **1**

11) Complete the missing numbers:

a) 4, 7, 12, 19, 28, 39, 52 **2**

b) 20, 23, 28, 35, 44, 55 **2**

a) $4 \xrightarrow{+3} 7 \xrightarrow{+5} 12 \xrightarrow{+7} 19 \xrightarrow{+9} 28 \xrightarrow{+11} 39 \xrightarrow{+13} 52$

b) $20 \xrightarrow{+3} 23 \xrightarrow{+5} 28 \xrightarrow{+7} 35 \xrightarrow{+9} 44 \xrightarrow{+11} 55$

12) Choose the correct answer.

The supplementary angle of 121° is:

a) $59^\circ \Leftarrow$ **2**

b) 31°

c) 239°

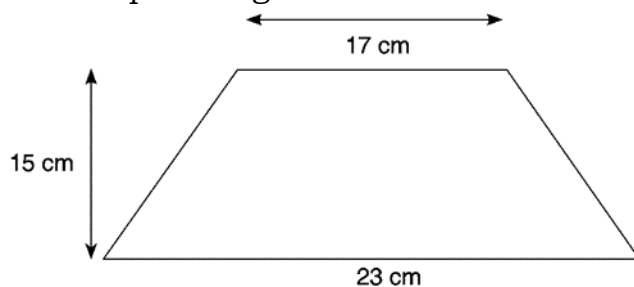
d) 180°

The supplementary angle = $180^\circ - 121^\circ = 59^\circ$

The correct answer is a) 59°

13) Choose the correct answer.

The area of the trapezium given below is:



a) 345 cm^2

b) 255 cm^2

c) 391 cm^2

d) **$300\text{ cm}^2 \Leftarrow$** **3**

Answer

$$A = \frac{1}{2} \times (B + b) \times h$$

$$\Leftrightarrow A = \frac{1}{2} \times (23 + 17) \times 15$$

$$\Leftrightarrow A = \frac{1}{2} (40 \times 15)$$

$$\Rightarrow \frac{600}{2} = 300 \text{ cm}^2$$

The correct answer is **d) 300 cm²**

- 14) The data below shows the marks obtained (out of 100) by some pupils in Mathematics test:

50, 80, 70, 90, 80, 90, 40, 60, 80, 40, 50, 80, 60, 40, 50, 80, 90, 60, 70, 40.

- a) Fill these data in a table below.

Marks	Number of pupils
90	
80	
70	
60	
50	
40	
Total	

- b) How many pupils did appear for the test?
- c) What was the highest marks scored?

Answer

a)3

Marks	Number of pupils
90	3
80	5
70	2
60	3
50	3
40	4
Total	20

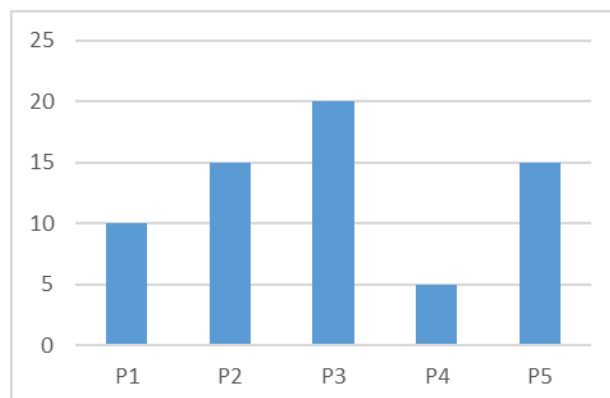
b) Number of pupils who sat for the test are **20** 1

c) The highest marks scored is **90**1

15) The data below shows the number of boys from P1 to P5 in GS A.

Classes	P1	P2	P3	P4	P5
Number of boys	10	15	20	5	15

Represent this data on a bar graph.

Answer:

.....5 (one mark for each chart bar)