**ATLAS JUNIOR SCHOOL – LUGOBA NABWERU**



**MID TERM TWO EXAMINATION 2024**

MATHEMATICS

***PRIMARY SIX***

***Time allowed: 2 hours 30 Minutes***

Name: ………………………………………………………………………………Stream: …………………….…………

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| **FOR EXAMINER’S USE ONLY** |
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| **FOR EXAMINER’S USE ONLY** | | |
| ***Qn. No.*** | ***MARKS*** | ***EXR’S NO.*** |
| **1-12** |  |  |
| **13-20** |  |  |
| **21 - 22** |  |  |
| **23 - 25** |  |  |
| **26 - 27** |  |  |
| **28- 29** |  |  |
| **30 - 31** |  |  |
| **32** |  |  |
| **TOTAL** |  |  |

**Read the following instructions carefully.**

1. *This paper has two sections:* ***A*** *and* ***B***
2. *Section* ***A*** *has* ***20*** *questions (40 marks)*
3. *Section* ***B*** *has* ***12*** *questions (60marks)*
4. *Answer* ***all*** *questions. All answers to both sections* ***A*** *and* ***B*** *must be written in spaces provided.*
5. *All answers must be clearly written using* ***blue*** *or* ***black*** *ball point pen or ink.*
6. *Unnecessary changes of work may lead to loss of marks.*
7. *Any handwriting that cannot be easily read, may lead to loss of marks.*
8. *Do* ***not*** *fill anything in the boxes indicated. For official use only.*

**SECTION A (40 MARKS)**

1. Add: 235 + 532
2. Write as a single number.

(8 x 1000)+(4 x 100)+(3 x 10)+ (7 x 0.1)

1. Write **1993** in Roman numerals.
2. Find the LCM of **4, 6** , and **10**
3. Find the number which was prime factorised to give;

2 x 2 x 2 x 3 x 3 x 5

1. Find the area of the figure below.

8cm 6cm 7cm

9cm

1. Round off **647** to the nearest tens.
2. Write **“twenty – five** **minutes past four”** in the morning in figures.
3. Change **0.85** to fractional form in the lowest terms.
4. Multiply: **53** by **62**
5. Draw an angle of **650** accurately.
6. If 2x and x are complementary angles, find the value of x.
7. Simplify
8. Solve 2x + 7 = 19
9. Find the value of angle **K** in degrees.

800

300 k

1. The cost of **four** stools is **sh.48000**. How much money would one require to but five similar stools at the same rate?
2. What is the next term in sequence?

21 , 17 , 12 , 6, \_\_\_\_\_\_\_

1. Express 0.345km in metres.
2. What is of 450?
3. If P={2, 3, 5, 7} and Q={1, 2, 3, 4, 5, 6, 7, 8}. What is **n(PQ)?**

**SECTION B (60 MARKS)**

1. Omo scored the following marks in the test.

80 , 60 , 20 , 50 and 60

Find the;

1. Mode ***(1mark)***
2. Range ***(1mark)***
3. Median ***(1mark)***
4. Mean ***(2marks)***
5. a) Find the reciprocal of ***(2marks)***

b) Lule ate of a chapatti and he ate another of the same chapatti the next day. What fraction of the chapatti did he eat? ***(2marks)***

1. In a class of **30** pupils, **17** like Mathematics and 18 like English, X like both subjects.
2. Represent the above data on the Venn diagram below. ***(2marks)***

b) How many pupils like both subjects?

***(2marks)***

n(M) =\_\_ n(E)=\_\_

\_ X \_

1. Find the probability of selecting at random a pupil who like English only to become a class captain. ***(2marks)***
2. A farmer has a twenty litre jerrycan full of milk. He wants to sell the milk using two-litre bottles each at sh. 3800.
3. How many bottles of milk can he get from the jerrycan? ***(2marks)***
4. How much money can he get from the jerrycan? ***(2marks)***
5. a) How many minutes are there in 3 hours? ***(1mark)***
6. Write 2: 20 p.m in 24 hour clock system? ***(2marks)***
7. Work out: Hrs Min ***(2marks)***

8 1 0

- 2 3 5

1. a) A district imported **476824** bicycles. **5407** bicycles lacked headlamps. How many bicycles had headlamps?
2. Mubiru has **58** dairy cattle and each cow produces **24litres** of milk per day. How many litres of milk does Mubiru receive from his cow in one day?

**(2marks)**

1. Construct a triangle PQR in which PQ = **6cm** , QR=**5cm** and PR=**7cm**. Use a well sharpened pencil, a ruler and a pair of compasses only. ***(5marks)***
2. Mr. Dalton went Nakasero market and bought the following;

* 2 litres of milk at sh. 2000 per litre.
* 500grams of baking powder at sh. 2200 per kg.
* 2 bars of soap at sh.5500 per bar.

1. How much money did he Spend altogether? ***(4marks)***
2. If Dalton had sh. **50,000**, what was his change? ***(1mark)***
3. What number has been expanded to give;

(9 x 102) + ( 7 x 101)+ (3 x 10-1) + (4 x 10-2) ***(3marks)***

1. Change 223five to decimal base. ***(2marks)***
2. Study the number line below and answer the questions that follow.

**c**

**b**

**a**

-6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 +8

1. Write down the value of;
2. a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ iii) b\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. c\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Write the mathematical sentence formed from the arrow diagram above.
5. Find the value of X in degrees. ***(3marks @)***
6. C

x

A 700 550  B

1200

b) **x**

1300

1. The picto graph below shows the population of four villages

|  |  |
| --- | --- |
| Village A |  |
| Village B |  |
| Village C |  |
| Village D |  |

If represents 500 people and represents 250 people.

1. How many people are in villages B and C altogether? ***(2marks)***
2. How many more people are in villages B and D? ***(2marks)***
3. Which two villages have the same population? ***(1mark)***