KIRABA LOWER EXAMINATIONS BOARD, KAGADI.

PRIMARY SEVEN MOCK ASSESSMENT

*Welcome to primary seven class of mathematicians*.

MATHEMATICS SET 1, 2025.

TIME ALLOWED: 2 HOURS 30MINUTES.

Index no.

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| EMIS NO. | | | | | | PERSONAL NO. | | |
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Candidate’s Name........................................................................................

Candidate’s Signature..................................................................................

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| **FOR EXAMINER’S USEONLY** | | |
| **Qn. No** | **MARK** | **SIGN** |
| **1 – 10** |  |  |
| **11 – 20** |  |  |
| **21 – 30** |  |  |
| **31 – 32** |  |  |
| **TOTAL** |  |  |

**Read the following instructions carefully:**

1. The paper has **two** sections: **A** and **B**
2. Section **A** has 20 short questions (40 marks)
3. Section **B** has 12 questions (60 marks)
4. Answer **ALL** questions. All answers to both Sections A

and B must be written in the spaces provided.

1. All answers must be written using a blue or black ball

point pen or ink. Diagrams should be drawn in pencil.

1. Unnecessary alteration of work may lead to loss of marks.
2. Any handwriting that cannot be easily read may lead to

loss of marks.

1. Do **not** fill anything in the boxes indicated for Examiner’s

Use only.

SECTION A (40 marks)

***Attempt all questions in this section. All questions carry equal marks.***

1. Work out: 4.6 ÷ 2.3
2. Write the additive inverse of the integer represented on the number line below.

-2 -1 0 1 2 3 4 5 6

............................................................................................................

1. Write **‘three thousand thirty’** in figures.
2. Shade the region **representing P only.**

P

T



1. Workout: **1402 + 484**

1. How many complete kg are in 4.5kg?

1. Divide: 9009 **by 3**.

1. Write the expanded number below in **words.**

**(7 x 10) + (4 x 10- 2) + (2 x 10 -1)**

1. Express  **as a percentage.**
2. Change **400g to kg.**
3. Find the size of **angle y** in;

800



y



1. Workout **(1.2 x 71) - (49 x 1.2)** using the **distributive property**.
2. Convert***; 114three to decimal base.***

1. Write as a decimal.
2. The area of a triangle is 24cm2, if its base is 12cm, find its height.
3. Add; **meters centimetres**

7 44

+ 3 56

1. Show ‘45 **minutes past 11 o’clock’** on a clock face.

1. Workout **- 3 + - 4** using a number line
2. Prime factorise18 and write your answer in **index notation form**.
3. Gabriel sold a toy car at sh.1500 less than its buying price. If he sold it at sh.6500, find its cost price.

SECTION B ( 60 MARKS).

Attempt all the questions in this section.

All the necessary working should be shown in the spaces provided

1. Simplify**: of x**  (3marks)

(b) find the solution set for x in**; x + 2 ≥ 4** (2marks)

1. Given that **n (A) = 46, n (B) = 2m,** and **n (A ñ B) = 8, n (A U B)’ = 10, and n (€) = 72,** Draw a Venn diagram to show the above information. (3marks)

(b) find: **n (B)** (1mark)

(c) Find the value of **m** (2markS)

1. Two vehicles, **a taxi** **and a bus** carried people to kabago’s concert. **A taxi** **carried 15 people** per trip and **a bus** carried **67 p**eople per trip. If they all made **3 trips** each,
2. How many people attended the concert? (3marks)
3. If each person paid sh.3500 in the bus, how much did the conductors collect? (2marks)

1. Using a pair of compasses, a ruler and a sharp pencil only, construct a **line Y P** from point N, parallel to ST below.

(4marks)

S

N



T

25. Simplify:

(a) (3marks)

(b**)**  (2marks)

26. A rectangular metallic tank measures **10cm** **long, 7cm wide and 5cm high, find its** Total Surface Area. **(4**marks)

27.Jemimah went shopping and bought the following items.

> **18 heaps of tomatoes at sh.1000 every 2 heaps.**

**> 2.5kg of onions at sh.4200 p/kg**

**> 3kg of Irish potatoes at sh.800 every 250g**

**> 2 litres of cooking oil at sh.11000 p/L**



1. Howmuch did she spend altogether? (4marks)
2. Find her change if she went with sh.50,000, and was given 10% discount on the items. (2marks)

28. For **3hours**, Kabanana drove his car at a steady speed of 60km/h from town M to town Y, where he rested for **15minutes** repairing a car tyre. He then changed his course, and drove at 70km/h for **3 hours** to reach his home.

(a) Calculate his average speed for the whole journey. (5marks)

**29.** Davisis 20 years old. Bategeka is 15 years younger than Davis. In **how many years to come** will the ratio of their ages be 7:4 respectively? (4mks)

(b)How old will Davis be by then? (1mark)

30. Use the equation, **y = 2x +1** to complete the table below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| X | ................ | 0 | ................ | -1 | ......... |
| y | 1 | ............ | -1 | .............. | -5 |

(5marks)

31.Kunihira deposited 70 notes of **sh.10,000 in the bank**, numbered consecutively from **R** to ER 778360. Find the serial number represented by **R.** (2marks)

1. How much did she deposit into the bank? (2marks)

32. Study the diagram below carefully.

A

700

B

d

F

n

K

x

500

T

D

1. Find the size **of TFD** (2marks)
2. Find the size of **BTK** (2marks)
3. Work out the value of **angle d** (1 mark)