ST MARK NURSERY &PRIMARY SCHOOL
NYENJE MUKONO (GOMA DIVISION)
END OF TERM I EXAMINATIONS 2023
MATHEMATICS   P.7

Name ………………………………………………………………………...
School …………………………………………………………………….

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO
TIME ALLOWED 2 hours 30 minutes

Read the following instructions carefully:

1. This paper has **two** sections ; section **A** and section **B**

2. Section A has **20** questions (**40 marks**) and Section **B**

    has **12** questions (**60 marks**)

3. Answer **all** Questions, answers to both sections must

    be written in spaces provided.

4. All answers must be written in **blue** or **black** ink

    and diagrams must be drawn using pencil

5. **Un necessary** alternation of work may lead to loss

    of marks

6. Any handwriting that cannot easily be read may lead

    to loss of marks.

7. Do not fill any thing in the table indicated for examiners

FOR EXAMINERS USE ONLY	
SECTION	**MARKS**
A	
B	
TOTAL	

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Turn over

SECTION A

1. Add: 5 6 7 + 8 9 3

2. Subtract : 5 6 0 7
   $$-\ 1\ \ 3\ \ 9$$
   _____

3. Multiply: 4 0 3 x 12

4. Divide   7 ⟌ 3 5 3 5

5. Write 32,407,891 in words

6. What is the place value of 5 in 6 5 3 4

7. Find the value of 6 in 8 6 7 9

8. Round off 6 9 3 to the nearest tens

9. Expand 8 3 9 1 using exponents

10. Write C M X L I X in Hind – Arabic numeral

11. What is 9 0 9 in Roman numerals

12. Find the number which has been expanded to give
    (4 x 1000) + (3 x 100) + (5 x 10) +(3 x 1)

13. If Set P = { a, b, c } . List all sub sets
    That can be formed from set P

17. Work out (379 x 27) + (27 x 21)
    using distributive property

14. Describe the shaded region below

18. Write three hundred sixty seven thousand
    in figure
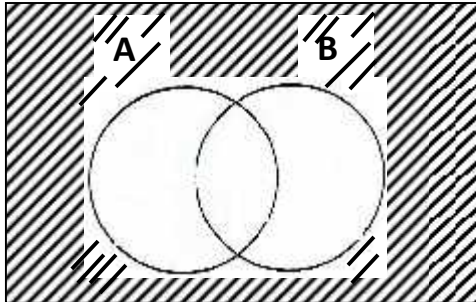
15. Given that Set M = { 1 2 3 4 }

    And Set N = { a b c d }

    Name the type of Set

19. Find the missing number in the box

    ☐ + 13 = 40

16. If Set A = { all girls in a school} and
    Set B = { girls in P.7 class }. Represent the
    Above sets on a venn diagram

20. In a class of 40 pupils, 25 pupils like
    Matooke (M). 18 pupils like rice
    (R). Y pupils like both matooke and
    rice, while 3 pupils like neither of the food
    Complete the venn diagram below

    n(Ɛ) = 40
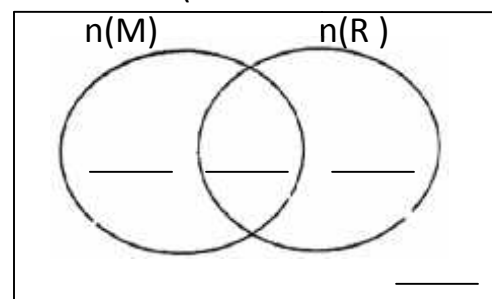
20. b) How many like both food?

c) Find the probability of picking a child who like
Only one type of food

SECTION B

21. Given the digits 1, 7 and 3
a) Form the smallest number from digits above

b) Form the biggest number from the digits
above

c) Find the difference between the biggest
and the smallest number formed

22.a) Simplify: $\dfrac{0.2 \times 0.04}{0.24}$

b) Add: $\dfrac{1}{2} + \dfrac{1}{3}$

c) Find the missing number in the box

$\dfrac{\Box}{4} = \dfrac{10}{2}$

23. Given the number 2 6 9 4 5 7 0. Use it to
the questions that follow.
a) Write the above figure in words

b) Find the sum of 6 and the place value of 5

24. a) Using a ruler a pencil and a pair of compasses
Construct a rectangle A B C D, where AB = 5cm
And BC = 4cm

b) measure distance A C

25. In P.7 class, there are 60 pupils. If $\dfrac{3}{5}$ are male

25. a) Find the fraction of females

27. a) Multiply: $\frac{1}{3} \times \frac{2}{5}$ using diagram

b) Find the number of males

b) Simplify: $\frac{2}{3} \times \frac{1}{2} \div \frac{3}{4}$

c) How many more males are there than than females?

28. Solve for x : (a) $2x + 8 = 12$

26. a) Find the least number which can be divided By 8 or 9 and leaves remainder 4

b) Think of a number, double it and subtract 10 from it, the answer is 20. What is the number?

29. a) Work out: $234_{five} + 123_{five}$

b) If the LCM of two numbers is 24 and the GCF is 8. Find the second number if the first one is 6

b) Change 302_{five} to decimal base

30. In St. Mark primary school, two bells ring at an interval of 30 minutes and 40 minutes to change the lessons.
a) How long will they take to ling again?

b) If they rung at 8: 40 am, at what time will they ring together again?

31. a) While using a skipping rope, Abigail jumps 52 times in one minute. Jumping at this same rate, how many times does Abigail jump in 75seconds?

b) A public holiday is always celebrated on the third Wednesday of a certain month. In that month, the public holiday cannot occur on 22nd. Why?

32. a) Study this pattern and find 6 + 6

2 + 2 = 44
3 + 3 = 96
4 + 4 = 168
5 + 5 = 2510

b) If 2.2 x 10^{25} is doubled, what is the result?