BEAUTIFUL BEGINNINGS NURSERY & PRIMARY SCHOOL

END OF TERM III EXAMINATIONS - 2023

PRIMARY FIVE - MATHEMATICS

TIME ALLOWED: 2 HOURS 30 MINUTES

NAME _____

SCHOOL _____

DISTRICT _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instructions carefully:

1. The paper has 2 sections: **A** and **B**. Section **A** has **20** questions and section **B** has **12** questions.
2. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working must be done using a blue or black ball point pen or a fountain pen. Any work in pencil other than graphs, pictures and diagrams will not be marked.
4. **No calculators** are allowed in the examination room.
5. Unncessary changes 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 anything in the boxes indicated **"For examiners' use only"** and those inside the questions paper.

FOR EXERMINER'S USE ONLY		
QN. No.	MARK	SIGN
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23- 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

SECTION A: (40 Marks)

1. Using repeated subtraction, work out $8 \div 4$.

2. Express $\frac{17}{9}$ as mixed number.

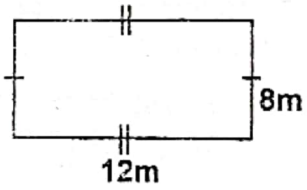
3. Write the place value of 3 in the numeral 4382.

4. Draw tallies to represent 13.

5. Solve: $y + 12 = 26$

6. How many lines of folding symmetry does the figure below have?

7. Work out the perimeter of the rectangular block shown below in the diagram.



8. Find the next number in the sequence.

1 , 3 , 5 , 7 , _____

9. Given that  represents 6 balls,

how many balls have been represented below?

10. Write the morning time shown on the clock face below.

11. Express 5 metres as centimetres.

12. Given that set K = {2 , 3 , 4 , 5}. M = {6 , 4 , 8}. List all the elements of set K U M.

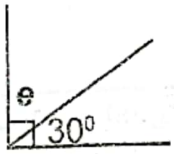
13. Find the missing number in the magic square below.

8	1	6
3	5	___
4	9	2

14. In Moroto district, there are 256,720 children. Write this number in words.

15. In a bag, there are 2 red pens, 3 black pens and 5 blue pens. If a pen is selected at random, what is the probability that a black pen will be selected at random?

16. Find the value of **e**.



17. Work out: 1023 x 14

18. Thomas is 3 years old. write his age in Roman numerals.

19. A kilogram of salt costs sh. 1,000. How many kilograms of salt will Henry buy for sh. 4,000?

20. Using a ruler, a sharp pencil and a pair of compasses only, construct an angle of 90^0 by bisecting the middle of 60^0 on a 180^0 arc.

SECTION B: (60 Marks)

21. Using digits 4, 6 and 3,
a) form all possible three-digit numerals using the above digits. (3 mks)

b) Round off the largest number formed to the nearest hundreds. (2 mks)

22. a) Work out the sum of the first 6 composite numbers. (3 mks)

b) Find the L.C.M of 4 and 6. (2 mks)

23. a) Work out: $\frac{1}{2} + \frac{1}{5}$ (2 mks)

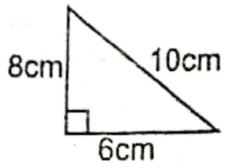
b) What is $\frac{2}{3}$ of 12kg of sugar? (2 mks)

c) Find the next equivalent fraction to $\frac{3}{4}$ (2 mks)

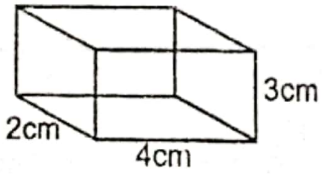
24. a) A farmer had 37,849 birds, he sold 2,361 of them. How many birds did he remain with? (2 mks)

b) Peter is 12 years old, his sister is 4 years older than him. How old is his sister? (2 mks)

25. a) Calculate the area of the figure below. (3 mks)



b) Find the volume of the cuboid below. (2 mks)



26. Using the shopping list below, answer the questions that follow.

1kg of sugar costs sh. 5,000.
A bar of soap costs sh. 6,000.
1 litre of milk costs sh. 2,000.
1 kg of rice costs sh. 3,500.

a) What is the most expensive item? (1 mk)

b) Allen bought 2kg of rice. How much did she pay altogether for the 2kg of sugar and rice? (2 mks)

c) How much will one pay for a kilogramme of sugar and 3 litres of milk? (2 mks)

27. a) Collect like items.

6m + 2m (2 mks)

b) Fill in the missing numbers.

i) $\square + 3 = 8$ (2 mks)

ii) $2 \times \square = 14$ (2 mks)

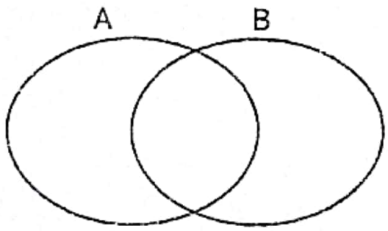
28. a) Work out:

Week	Days
2	6
− 1	4

(2 mks)

b) A lesson ended at 11:30am. It had started at 9:20am. For how long did the lesson last? (2 mks)

29. Given that set A = {p , q , r , s , t , u}, Set B = {m , n , p , u}.



a) Represent the sets above on the venn diagram below. (3 mks)

b) List elements of A – B (1 mk)

c) Find n(A U B) (2 mks)

30. Compare the following using **>** , **<** or **=**. (1 mk @)

a) Fortnight _____ 21 days.

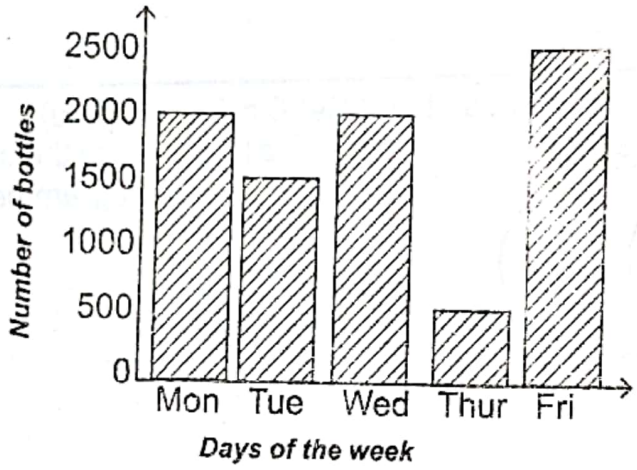
b) 1000km _____ 1000m

c) 1kg of sand _____ 1kg of feathers

d) 366 days _____ leap year.

31. Using a ruler, a sharp pencil and a pair of compasses, construct an equilateral triangle PQR of side 6cm. (4 mks)

32. Study the graph and answer the questions that follow.



a) What was the lowest number of bottles made? (1 mk)

b) How many bottles were made on Friday? (1 mk)

c) What is the difference between the lowest and highest number of bottles made? (2 mks)

d) Find the total number of bottles made on Monday, Tuesday and Friday. (2 mks)

Good Luck