ST. SAVIO JUNIOR SCHOOL, KISUBI

END OF TERM II EXAMINATION 2023

P.5 MATHEMATICS

Time Allowed: 2hours 30 Minutes

Pupil's Name: ....

Class: ....

School Name: ....

Read the following instructions carefully:

1. This 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 the working for both sections A and B must be shown in the spaces provided.
5. All working must be done using a blue or blackball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated **"For examiners' use only"** and the boxes inside the question paper.
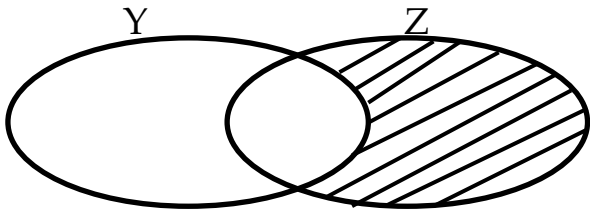
Turn Over

SECTION A – (40 MARKS)

1. Work out: 7 5
     - 1   2
     ————
	2. Write 6 4 7 2 in words.

3. Describe the unshaded part in the Venn diagram below. Y Z	4. Find the sum of the next two numbers in the sequence below; 13, 16, 19, 22, _____, _____

5. Express $12\frac{7}{9}$ as an improper fraction.

6. Using a ruler, a sharp pencil and a pair of compasses only, construct an angle of 90^0 in the space below.

7. Joan bought 19 apples for her birthday party. Draw tallies showing the number of apples she bought.	8. Work out;
	
	   Hours Minutes
	    6 2 0
	   - 2 5 7
	   ————————————

|	
9. A trader bought a tray of eggs at sh. 8500. At what price should he sell it in order to get a profit of sh. 1500?	10. Simplify; $8m + 6p + 12m + 3p$
11. Given that set D is equal to set E, and E = {0, 2, 4} find n(D).	12. Mary and Paul shared some money. If Paul got $\frac{7}{9}$ of the total share, what fraction of the whole share did Mary get?
13. A sack of maize flour weighs 45kg 500gms and that of rice weighs 50kg 700gms. What is the total mass of both sacks?	14. Round off 9 9 7 8 to the nearest hundreds.

15. A spider moved round the shape below twice. What distance did it cover?

11cm
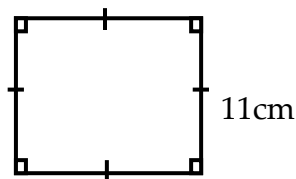
16. Write the shaded fraction in words in the diagram below;

17. Solve: y + 2 = 14

18. Work out: $2\overline{\smash{\big)}648}$
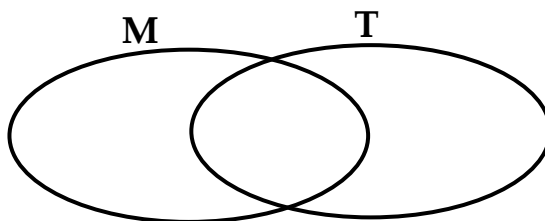
19. Find the Lowest Common Multiple (LCM) of 6 and 8.

20. The cost of 3 fountain pens is ushs 21,000. What is the cost of five similar pens?

SECTION B – (60 MARKS)

21. Given that; M = {s, p, e, a, k}

        T = {b, e, a, d, s}

(5 marks)
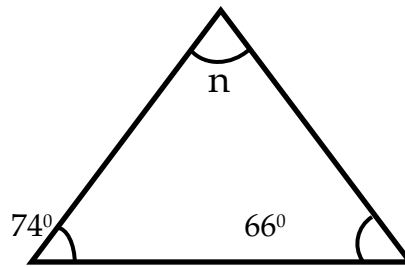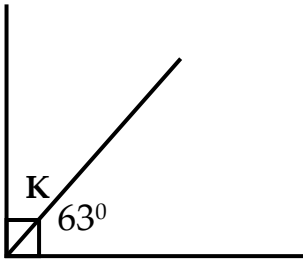
  a) Represent the two sets on the Venn diagram below.

M   **T**

  b) Find (i) n(T – M)   (ii) T∩M

22. Find the value of the unknown in degrees. 63^0 with K (right angle) Triangle with n, 74^0, 66^0	**(2 marks)**
23. Given the digits 7, 3, 8 and 9; a) Form the smallest 4 – digit number.	**(1 mark)**
b)Expand the largest 4 – digit number that can be formed using values. c) Show the smallest 4 – digit number formed on a well-drawn abacus.	**(1 mark)** **(3 marks)**
24. Below is a price list. Use it to answer questions that follow; A cup at sh. 2500. A plate at sh. 3000. A geometry set at sh. 4000.	

(i) Find the cost of 3 geometry sets. **(1 mark)**

(ii) A P.5 pupil had sh. 10,000 and bought a cup. How much was his change?

(1 mark)

(iii) What is the total cost of all the three items?

(3 mark)

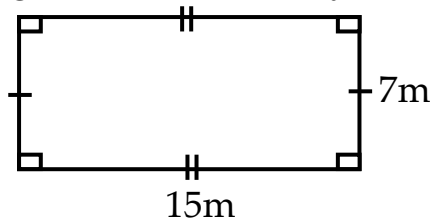25. If a = 8,   b = 5   and   c = 4. Fid the value of;   **(2 marks@)**

(i) a + c   (ii) $\dfrac{ab}{c}$ (iii) abc

26. Study the figure below carefully and answer questions about it.

7m

15m

a) How many lines of folding symmetry does it have?   **(1 mark)**

b) Calculate its area.   **(3 marks)**

27. Complete the magic square below by finding the values of the unknowns. **(6 marks)**

7	a	5
b	4	C
3	d	1

28. In a class of 60 pupils, $\frac{3}{4}$ of them are girls and the rest are boys. **(1 mark)**

a) How may boys are in that class?

b) If each pupil was given 3 pencils, how many more pencils were given to girls than boys?

29a) With the help of a ruler, a sharp pencil and a pair of compasses only, construct a square DSTV of side 6.5cm.

b) Measure its diagonal $\overline{DT}$

(2 marks)

30. Work out;

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   3  8 7
 + 6  5 9
 _____
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(b) 3 4 6
```
       x  8
  _____
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(c) 6 1 4 7
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      - 3 9 8
  _____
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(3 marks)

31a) How many days make up 14 weeks?	**(2 marks)**
b) A taxi driver took 3 hours 46 minutes to drive from Kampala to Mbarara and 2 hours 5 minutes from Mbarara to Kasese. How much time did he take altogether?	**(3 marks)**

32. The tally table below shows the number of mangoes on each of the traders' stalls. Use it to answer the questions that follow.

NAME	TALLIES
Nakato	~~IIII~~ ~~IIII~~ II
Opio	~~IIII~~ ~~IIII~~ ~~IIII~~
Chelangat	~~IIII~~ III
Mukasa	~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~
Acen	~~IIII~~ ~~IIII~~

a) Which trader has the least number of mangoes?	**(1 mark)**
b) How many more mangoes does Mukasa have than Nakato?	**(2 marks)**
c) Find the total number of mangoes on all the stall	**(2 marks)**

********************* END ***********