FRESH TEACHER'S E-LIBRARY

BEGINNING OF TERM III EXAMINATION 2023

P.5 MATHEMATICS

Time Allowed: 2hours 30 Minutes

Pupil's Name: .....

Class: .....

School Name: .....

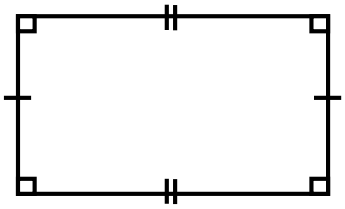
Read the following instructions carefully:

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 allquestions. All the working for both sections Aand Bmust be shown in the spaces provided.
5. Allworking must be done using a blueor blackball point pen or ink. Any work done in pencil will NOTbe marked except drawings and diagram.
6. Unnecessary changesin 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.

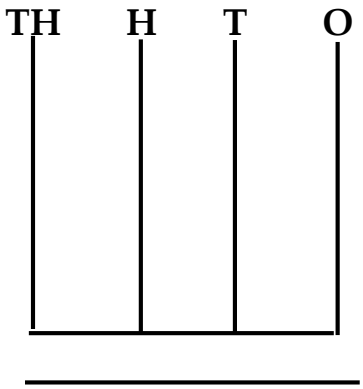
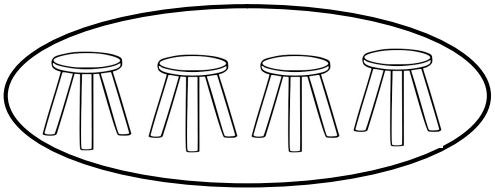
FOR EXAMINERS' USE ONLY		
Qn. No.	**MARKS**	**EXR'S No.**
1 - 10		
11 – 20		
21 – 30		
31 – 32		
TOTAL		

Turn Over

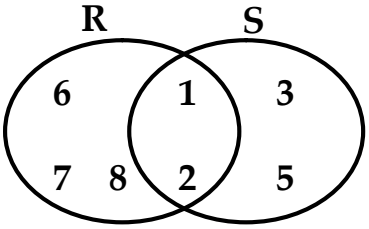
SECTION A – (40 MARKS)

1. Work out: $\begin{array}{r} 3\ \ 4 \\ +\ 1\ \ 3 \\ \hline \\ \hline \end{array}$	2. Change $7\frac{2}{3}$ to an improper fraction.
3. Express XLIV in Hindu Arabic numerals.	4. Simplify: 4x + 5y + 7x - y
5. On the diagram below, show the lines of folding symmetry. 	6. Write "fourteen thousand forty" in figures.
7. Simplify: $\frac{5}{8} + \frac{3}{8}$	8. The length of a piece of cloth is 3m. Express this in centimetres.
9. Find the next number in the sequence ; 33 , 30 , 27 , 24 , _____	10. Work out: $\begin{array}{r} 3\ \ 1\ \ 2_{\textbf{five}} \\ -\ \ 1\ \ 3_{\textbf{five}} \\ \hline \\ \hline \end{array}$

11. I think of a number, add 10 to it, the result is 17. Find the number.	12. Using a ruler and a sharp pencil, draw a line segment PQ = 6cm.
13. John stayed in Juba for 6 weeks. How many days did he stay in Juba?	14. A man drove his car at a speed of 60km/hr for 2 hours. Calculate the distance covered.
15. Add: Hrs Min 5 35 + 2 40 _____ _____	16. Find the Highest Common Factor of 12 and 15.
17. Given tha  represents 9 trees, how many trees are repı  ?	18. After buying a cup of milk at sh. 500, the milk man sold it at sh. 750. How much did he gain?

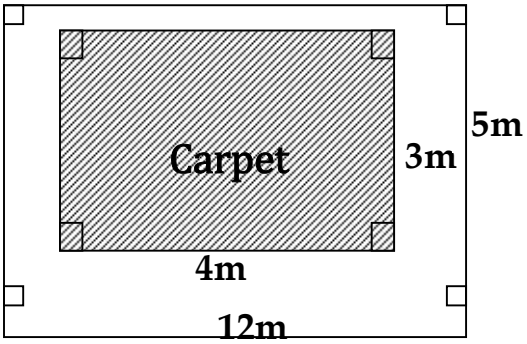
19. Show 3042 on the abacus below.  	20. Name the set below.  _____

SECTION B – (60 MARKS)

21. Study he venn diagram below and answer questions that follow.  a. List the elements of set; (i) R = (ii) S =	(2 marks)
b. Find n(R ∩ S)	(2 marks)
c. Find R - S	(1 mark)
22. On Kambugu's birthday party, 35 guests attended. $\frac{2}{5}$ of them were parents and the rest were children. (a) What fraction were the children?	(2 marks)

(b) Find the number of parents who attended the party.	(2 marks)
(c) How many more children than the parents attended the party?	(2 marks)
23. Given that k= 3 , y = 6 and m = 4. Find the value of; (a) k + y	(1 mark)
(b) k m	(1mark)
(c) $\frac{\mathbf{m\,y}}{\mathbf{k}}$	(2 marks)
24. With the help of a sharp pencil, a ruler and a pair of compasses only, construct a triangle RAT such that RA = AT = TR = 6cm.	(4 marks)

b. Calculate the perimeter of the triangle.	(1mark)
25. Given the number 3 4 2 5. a. Find the place value of 3 in the above number.	(2 marks)
b. Find the difference between the value of 4 and the value of 5 in 3 4 2 5.	(2 marks)
c. Expand the difference in (b) above using powers of ten.	(1 mark)
26. Ivan went to the canteen and bought the following items. 2 rubbers at sh. 500 each. 4 pencils at sh. 400 each. Half a dozen of books at sh. 600 per book. 2 pens at sh. 1000. a. How much money did he spend on all the items?	(4 marks)

b. If he went with a ten thousand shilling note, work out his change?	(1 mark)
27. Work out: a. Hrs Min 3 20 - 1 30 b. Kg g 4 750 + 2 300	(4 marks)
28. <u>In a study room, a carpet was laid as shown below.</u>  a. Find the area of the carpet.	(2 marks)
b. Find the area of the study room.	(2 marks)
c. Calculate the area of the uncovered part.	(2 marks)

29. <u>Use ; + , x , ÷ and - to make the statement true.</u> (4 marks)

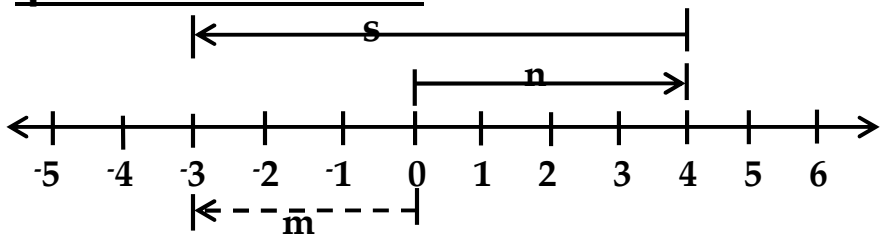
a. 8 _____ 4 = 2

b. $\frac{1}{2}$ _____ 14 = 7

c. 24 _____ 6 = 18

d. 15 _____ 7 = 22

30. <u>Study the number line below to answer the questions that follow.</u>



(3 marks)

a. Write the integer represented by;

(i) **s** = _____ (iii) **n** = _____

(ii) **m** = _____

b. Use the number line above to fill in correctly. (2 marks)

_____ + _____ = -3

31. Work out: (4 marks)

a. 2 5 6 x 7

b. $5\overline{)575}$

c. 6 0 4 0 - 2 6 7

(1 mark)

32. <u>The table below shows marks which were scored by a certain pupil in different subjects.</u>

Subject	ENG	MTC	SST	SCIE
Marks	75	88	60	57

a. Calculate his total mark in the four subjects. (2marks)

b. Find the range in the marks.	(2marks)
c. Work out the average mark.	(2 marks)

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