THE SPECTRUM EXAMINATIONS HUB

Beginning of term two assessment 2025

P.5 Mathematics

Time allowed: 2hrs and 30 minutes

NAME: _____**STREAM**_____

SCHOOL_____

Read the following instructions carefully:

1. This paper has two sections: A and B.

2. Section A has 20 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. No calculators are allowed in the examination.

7. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.

8. 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**
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31- 32		
TOTAL		

Turnover

SECTION A (40 MARKS)

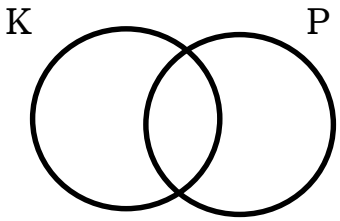
*Answer **all** questions in this section.*

1- Divide 28 by 7.

2- Simplify
7 cows + 3 cows – 6 cows

3- Convert XLIX as Hindu Arabic numeral.

4- Shade K U P on the diagram below.

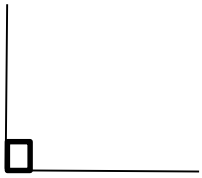


5- List all the multiples of 4 less than 15.

6- Subtract: $\frac{1}{4}$ from $\frac{3}{4}$

7- Round off 136 to the nearest tens.

8- Name the angle below.



9- Write “One hundred one” in figures.

10- How many quarters make 3 wholes?

11- Solve: p + 6 = 11

12- Draw set symbols for

equal set _____ equivalent set _____

13- How many weeks are in 21 days?

14- Add:

	m	cm
	5	4 0
+	2	7 0

_____

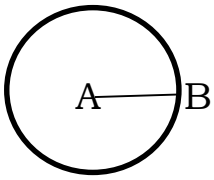
_____

15- Use >, < or = to complete the statement below.

2 x 0 _____0 + 2

16- Sarah bought a bag at sh.15,000 and later sold it at sh.20,500. What was her profit?

17- Name line AB



18- What number has been expanded to give
(4 x 1000) + (3 x 100) + (3 x 1)?

19- There are 36 boys and 48 girls in a P.5 class. Find the total number of pupils in that class.

20- Use repeated addition to work out: 4 x 3

SECTION B: 60 MARKS

21- Using the digits 7, 3 and 5, form the
(a) smallest 3 digit number using the digits above. (1mk)

(b) the largest 3 digit number using the above digits. (1mk)

(c) Find the sum of the smallest and largest numbers formed. (2mks)

(d) What is the difference between the largest and smallest numbers formed? (2mks)

22- If m = 4 and n = 3, find the value of (2mks@)

(a) m + n

(b) 3m

(c) I thought of a number, added 7 to it and my answer was 15. What was the number? (2mks)

23- Workout: (2mks@)

(i) XL + VI

(ii) L - XX

(b) Gamusi is 36 years old. Write his age in Roman numerals. (2mks)

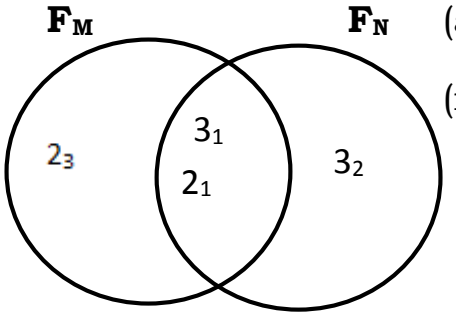
24- (a) Find the missing number in the box. (1mk)

$\frac{2}{3} = \frac{\square}{6}$

(b) Change 2 ½ to improper fraction. (2mks)

(c) What is the sum of $\frac{4}{9}$ and $\frac{3}{8}$ (2mks)

25- Use the Venn diagram to answer the questions that follow.



(a) Find the value of:

(i) M (1mark)

(ii) N (1 mark)

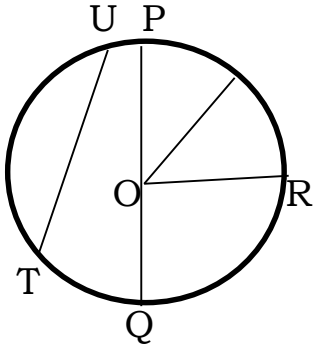
(b) Work out the GCF of M and N (1 mark)

(c) Calculate the LCM of M and N (2 marks)

26- Complete the given table. (4mks)

metres	1	6	_____	10	_____
centimetres	100	_____	300	_____	10000

27-Use the circle below to answer questions that follow.



(a) Name the lines marked (2mks)

(i)PQ

(ii)TU

(b) Find the diameter of a circle whose radius is 6cm. (2mks)

28-(a) Find the next number in the sequence.

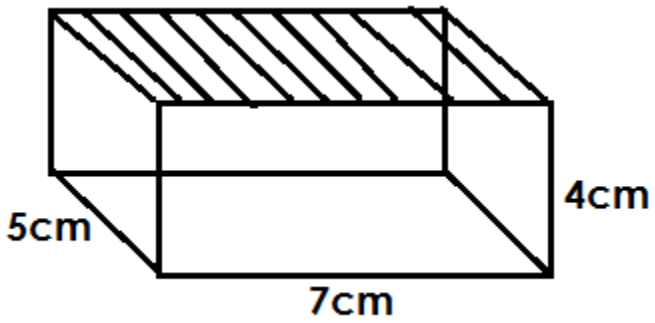
2, 5, 3, 6, 4, _____ (1mk)

(b) What is the LCM of 3 and 2? (2mks)

(c) Circle all the numbers that are exactly divisible by 2. (2mks)

9, 12, 15, 22, 41

29- Below is a cuboid. Use it to answer questions that follow.



(a) Calculate the area of the shaded part. (2 marks)

(b) Workout its volume. (2marks)

(d) Find its number of vertices. (1 mark)

30-(a) Multiply: (2mks)

$$\begin{array}{r} 35 \\ \times\ 2 \\ \hline \\ \hline \end{array}$$

(b)A basket contains fifty apples, if 36 got bad. How many good apples are in the basket? (2mks)

(c) Share 21 pens equally among 3 girls. How many pens did each girl get?

(2mks)

31- Below is a magic square.

8	1	6
a	5	c
4	b	2

(a) Find the magic sum. (1mk)

(b) Find the value of a, b and c. (3mks)

32- Juma went shopping with sh. 50,000 and bought the following items.

2 bars of soap at sh. 4000 a bar.

4 kg of rice at sh. 2500 each kg.

3 loaves of bread at sh. 5000 each loaf.

(a) Calculate Juma's total expenditure. (4 marks)

(b) How much change did he remain with after buying all the items?
(1 mark)

END