THE SPECTRUM EXAMINATIONS HUB

MID TERM I EXAMINATION, 2024

P.4 MATHEMATICS

Time allowed 2hrs 15 min

PUPIL'S NAME _____

SCHOOL NAME _____

DISTRICT NAME _____

Read the following instructions carefully

1. This paper has **two** Sections: **A** and **B**.

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

3. Section **B** has 12 questions (60 marks)

4. Answer **ALL** questions. Answers to both sections must be written in the spaces provided.

5. All answers must be written using blue ink/pencil. Diagrams should be drawn in pencil.

6. Unnecessary alteration of work may lead to loss of marks.

7. Any handwriting that cannot be easily read may lead to loss of marks.

8. Do not fill anything in the box indicated for examiner's use only.
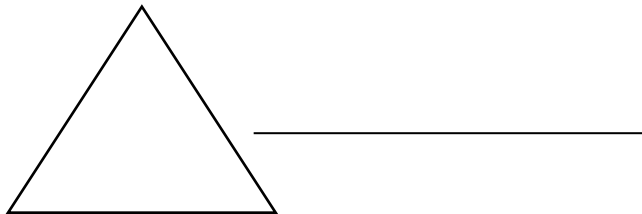
SECTION A (40 marks)

1. Add: 41 + 13

2. Find the next number in the sequence

    2, 4, 6, _____

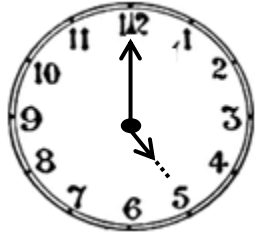3. Write 25 in Roman numerals.

4. Subtract: $\frac{3}{5} - \frac{2}{5}$

5. Set K= {0, 1, 2, 3, 4}. How many members are in set K?

6. Name the figure below.

    _____

7. Represent 402 on the abacus.

8. Tell the time.

_____

9. A book costs sh.1,000. How much money will one pay for 8 books?

10. What fraction is the unshaded?

11. Fill in the missing number.

    □ + 5 = 35

12. Given that ⚽represents 5 balls. Find the number of balls represented by ⚽⚽⚽.

13. Change 8 metres to centimetres.

14. Set P ={t,e,a} and Q = {a, t,e}

    Set P and Q are _____sets.

15. Sserugo had 487 cows on the farm. He bought 25 more cows. How many cows does he have on his farm altogether?

16. Write four thousand two hundred two in figures.

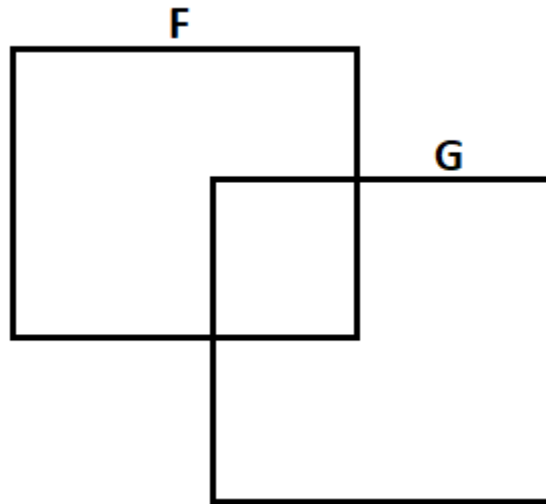17. Subtract: 7865 – 692

18. Round off 435 to the nearest tens.

19. A baby is 42 days old.   What is his age in weeks?

20. Which month of the year comes after March?

SECTION B: (60 marks)

21. Given that set F= {a, b, c, d} and G= {e, b, d, f, g, h}

    (a) Represent the information on the Venn diagram
        below.   *(02 marks)*

    (b) How many members are n F∩G?   *(01 mark)*

    (c) List down the members that are not in F∩G.

                                              (01 mark)

    (d) Find F∪G.   *(01 mark)*

22. Musoke wrote 3, 5, 2 on the chalk board.

    (a) What was the smallest three digit number formed
        using the above digits?   *(02 marks)*

(b) What was the biggest three digit numbers formed?

(02 marks)

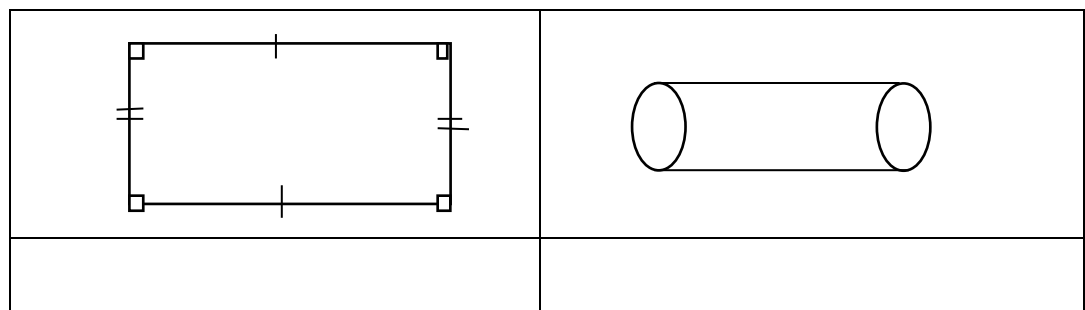(c) Find the sum of the biggest and the smallest three digit numbers formed. *(02 marks)*

23. Find the missing numbers. *(06 marks)*

(a) ☐ + 3 = 6

(b) ☐ x 2 = 12

(c) ☐ - 5 = 10

24. (a) Name these shapes. *(02 marks)*

(b)   Draw these shapes.   (02 marks)

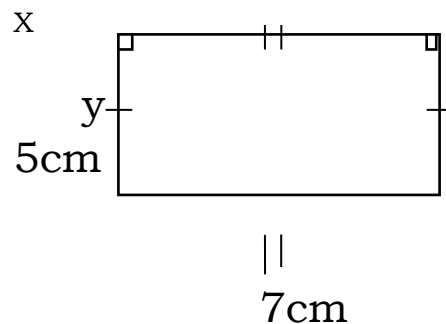|	
cone	cuboid

25. Study the figure below and use it to answer the following questions.

X

y
5cm

7cm

(a)   Name the figure.   (01 marks)

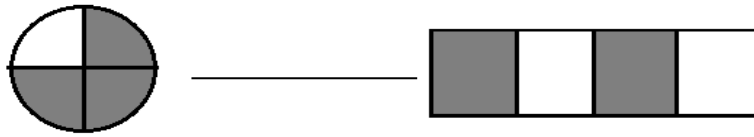(b)   Find the value of;   (02 marks)

(i) x

(ii) Y

26. (a)   Workout $\frac{5}{9} - \frac{3}{9}$ (02 marks)

(b) Use >,<, or = to complete the shaded fraction below. *(01 mark)*

(c) Write $\frac{3}{4}$ in words. *(02 marks)*

27. (a) Add: 2   9 metres   *(02 marks)*

$$\begin{array}{r} 2\quad 9 \text{ metres} \\ +\ 4\quad 2 \text{ metres} \\ \hline \end{array}$$

(b) Workout: 8   4 kg   *(02 marks)*

$$\begin{array}{r} 8\quad 4 \text{ kg} \\ -\ 6\quad 0 \text{ kg} \\ \hline \end{array}$$

28. Complete the magic square below.

8	1	6
a	5	b
4	c	d

(a) Find the magic sum. *(02 marks)*

(b)   Find the value of;   *(04 marks)*

   (i) a =   (iii) c =

   (ii) b=   (iv) d=

29. Study the price list below and use it to answer the
     questions that follow.

An apple	sh.1,000/=
A chocolate	sh.500/=
A packet of biscuits	sh.800/=
A bottle of soda	sh.1,000/=

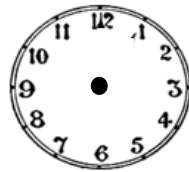(a)   What is the most expensive item on the list?
                                              (01 mark)

(b)   Find the cost of 4 apples.   *(02 marks)*
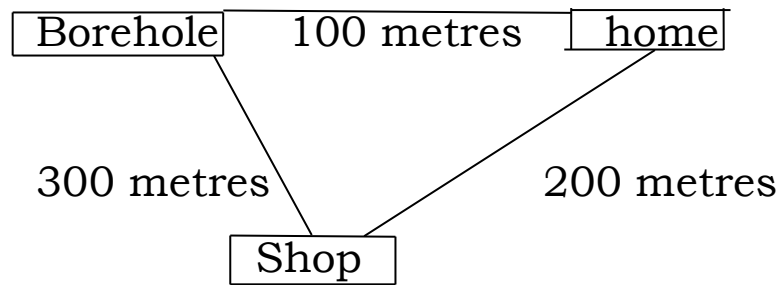

(c)   Workout the total cost of all the items. *(02 marks)*

30. (a) Which days of the week start with letter "T"?

(02 marks)

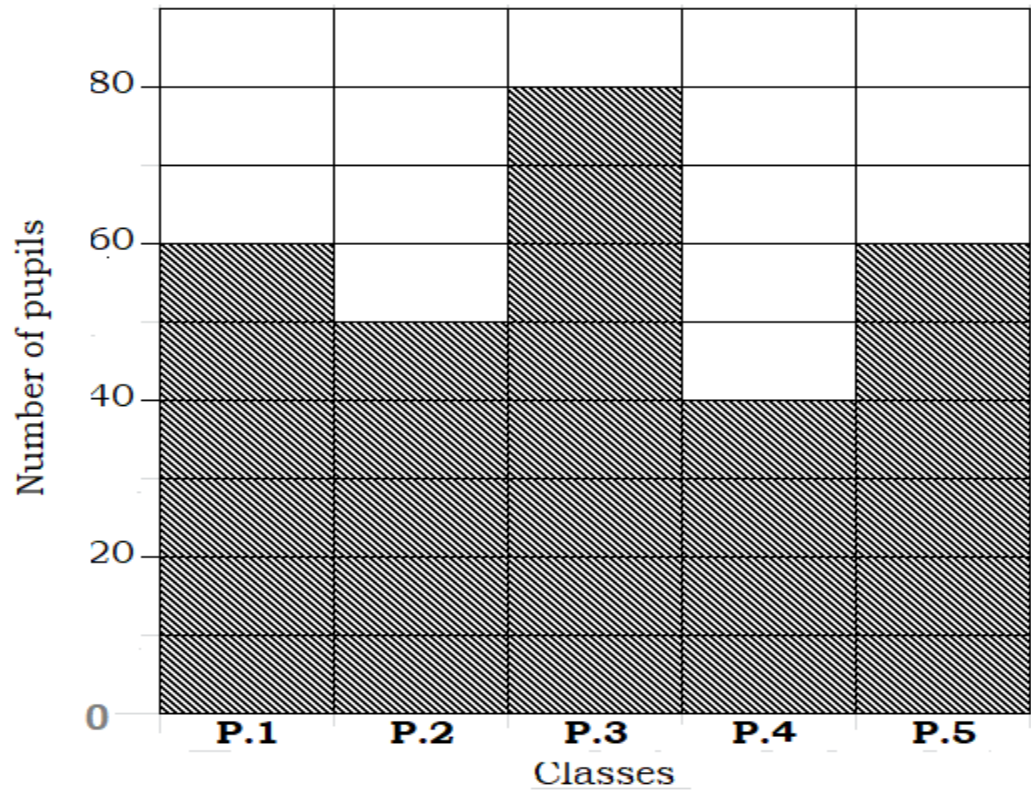(b) Show 6 o'clock on the clock face below.

(02 marks)

(c) Workout :   weeks   Days   (02 marks)

	weeks	Days
	7	3
− 4		2

31. Study the map below to answer the questions that follow.

| Borehole | 100 metres | home |

300 metres   200 metres

| Shop |

(a) How far is the water source from the home?

(02 marks)

(b) What distance will one cover if he travels from home to the shop via the borehole?   *(02 marks)*

(c) Write the direct distance from the borehole to the shop in words.   *(02 marks)*

32. The graph below shows the number of pupils in five classes at Mbarara Municipal Primary school.

(a) How many pupils are in primary two? *(01 mark)*

(b) Which class has the lowest number of pupils?

(02 marks)

(d) Which classes have the same number of pupils?

(c) How many pupils are in P.1, P.3 and P.5 altogether?

(02 marks)

END