Our children's success is our parents pride

PEAK JUNIOR SCHOOL NAKABUGO

P.6 INTERVIEW EXAMINATIONS
2025
<u>MATHEMATICS</u>

Time allowed: 2 hours   15 minutes

Name: _____

<u>Read the following instructions carefully:</u>

1. The paper has **two** sections: **A** and **B**

2. Section **A** Sub-Section I has 30 questions (30 marks)

   and Sub-Section II has 20 questions (20 marks)

3. Section **B** has 5 questions (50 marks)

4. Answer **ALL** questions. All answers to both Sections **A**

   and **B** must be written in the spaces provided.

5. All answers must be written using a blue or black ball

   point pen or ink. Diagrams should be drawn in pencil.

6. Unnecessary crossing 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 boxes indicated

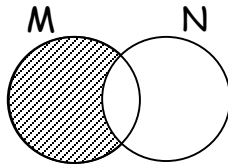   For Examiner's use only.

FOR EXAMINER'S USE ONLY

Qn. No	MARK	SIGN
1 – 16		
17– 26		
27 – 35		
36 – 44		
45 – 50		
51 – 52		
53		
54		
55		
TOTAL		

Turn over

<u>SECTION A</u>: 40 MARKS

1. Multiply: 2 3
                  <u>×   3</u>

       _____

2. Describe the unshaded part in the Venn diagram below.

    M   N

3. Round of 3193 to the nearest hundreds.

4. Use a number line to work out 4 × 2.

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    |——|——|——|——|——|——|——|——|——|——|——→
    0   1   2   3   4   5   6   7   8   9   10
    ```
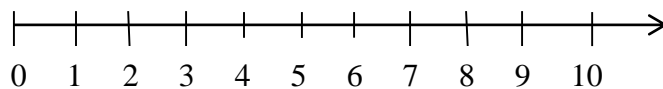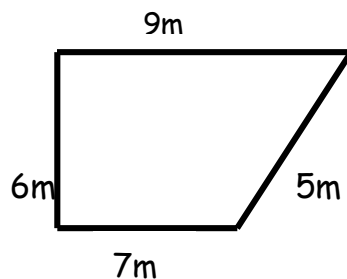
5. Kityo walked from his home at 8:30 a.m and reached town at 9:50 a.m. For how long did he take to reach town?

6.   Multiply: $\frac{1}{5} \times \frac{1}{2}$

7.   A school has 480 pupils. Each classroom can take 40 pupils. How many classrooms are there in the school?

8.   Find the sum of the missing numbers in the sequence.
       2, 3, 5,7, 11, _____, _____

9.   What is the total distance round the figure below.

10.   Draw a line segment PQ of length 6.5cm.

11.   Change 3 hours to minutes.

12.   Moses bought a pen at sh. 11000 and sold it at sh. 8000. What was his loss?

13.   Subtract: 38.37 – 22.05

14.   Mrs. Kimuli divided 12 pencils into halves. How many pieces did the teacher get?

15.   If p = 6 and q = 9. What is the value of P x q.

16.   Change 2900cm to metres.

17.   Show a half past 10 o'clock on the clock face below.

18.   Write 49 in Roman numerals.

19.   What is the G.C.F of 8 and 12?

20.   If stands for 8 stools. How many stools will you draw to represent 40 stools?

SECTION B: (60 Marks)

21.   (a) What is the sum values of 6 and 2 in the number 6782? *(2 marks)*

(b)   Expand 4825 using values.   *(2 marks)*

(c)   Write in figures: Eight hundred fifty three thousand, forty nine. *(1 mark)*
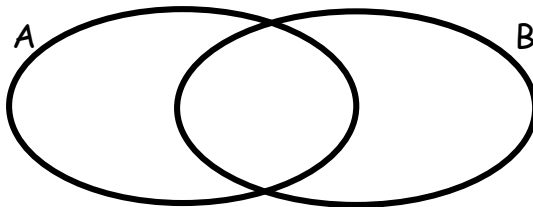
22a) Kibuuka had sh. 15000. He bought meat for sh. 4500.How much money did he remain with?   *(2marks)*

(b)   The cost of a tray of eggs is sh. 8000. What will 7 trays cost? *(2marks)*

(c)   If a pencil costs sh. 500. What is the cost of 1 dozen of pencils? *(2 marks)*

23.   Given that A= { Abdu, Abel, Joy, Sadik}
           B = {Jude, Abu, Abel, Sadik}

(a)   Represent the above information on Venn diagram. *(3 marks)*

(b)   Find A∩B

                                                        (1mark)

(c)   How many members are in set B only? *(1 mark)*

24. There are 120 pupils in a class, $\frac{3}{4}$ of the pupils are boys and the rest are girls.

(a) How many girls are in the class? *(2 marks)*

(b) How many more boys are there than girls? *(2 marks)*

(c) What is the fraction of girls in the class? *(1 mark)*

25. Using a pencil, a ruler and a pair of compasses only , construct a rectangle of sides 7cm by 5cm. *(4 marks)*

26. Okello scored the following marks in beginning of term I examinations.
     80, 75, 80, 60 and 70.
(a) Find his modal mark.   *(1 mark)*

(b) Find the median mark.   *(2 marks)*

(c) Calculate his average mark.   *(2marks)*

27. Solve: *(1 mark each)*
(a) 8 + b = 20

(b) X – 7 = 8

(c) 2w = 24

(d) $\frac{p}{3}$ = 6

28a) Write down any four months with 31 days.   *(4 marks)*
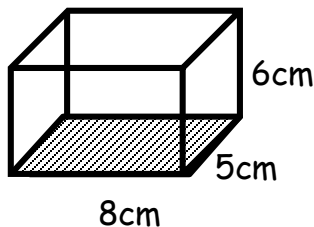
(b)   A lesson ended at 9:30 a.m and it took 3hrs. When did it start?*(2 marks)*

29. (a) What is the value of 3 in the number 98.73?   *(1 mark)*

(b) Express : $7\frac{5}{100}$ as a decimal.   *(2marks)*

(c) Add: 6.7 + 8.02.   *(2 marks)*
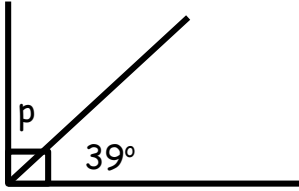
30.   Given the cuboid below.

(a)   Find the number of vertices. *(1mark)*

6cm

5cm

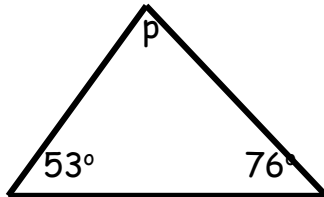8cm   (b)   Find the area of the shaded part. *(1 mark)*

(c)   Find its volume. *(2 marks)*
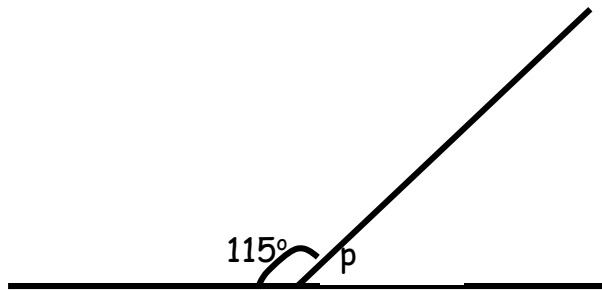
31.   (a) Find the value of angle P.   *(2 marks each)*
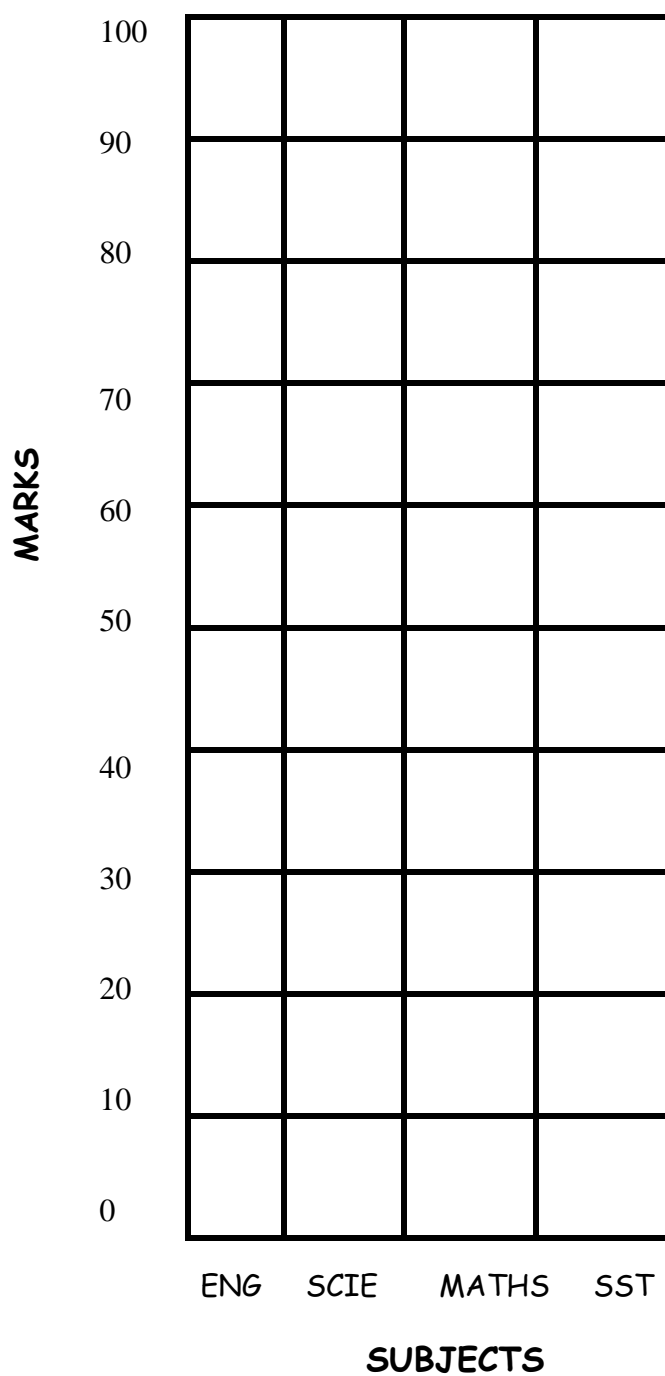

   (b)

   (c)

32.   <u>*Study the information in the table below and answer questions that follow.*</u>

Subject	ENG	SCIE.	MATHS	S.S.T
Marks scored	40	70	85	60

(a)   Find the total marks scored in all subjects. *(2 marks)*

(b)   Use the information in the table to draw a bar graph. *(3 marks)*

MARKS

100				
90				
80				
70				
60				
50				
40				
30				
20				
10				
0				

ENG   SCIE   MATHS   SST

SUBJECTS

THE END   *Good Luck*