

**KALUNGU DISTRICT PRIMARY LEAVING
MOCK EXAMINATION - 2024**
P.7 MATHEMATICS
DURATION: 2 HOURS 30 MINUTES

School: _____

EMIS No.						Personal No.		

Candidate's Name: _____

Candidate's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

READ THE FOLLOWING INSTRUCTIONS

1. This paper has two sections A and B.
2. Section A, has 20 questions and B has 12 questions.
3. Answer all questions. All the working for both section A and B must be shown in the spaces provided.
4. All the working **must** be done using a blue or black ball point pen or ink. Any work done by pencil other than graphs and diagram will **not** be marked.
5. No calculators are allowed in the examination room
6. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
7. Do not fill anything in the table indicated: "FOR EXAMINER'S USE ONLY"

FOR EXAMINERS USE ONLY		
QN. NO.	MARK	EXR' NO.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

Turn over

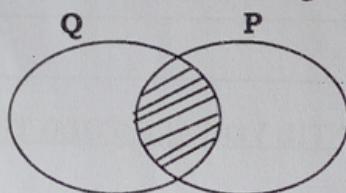
SECTION A

1. Subtract:

$$\begin{array}{r} 199 \\ - 83 \\ \hline \end{array}$$

2. Write "ten thousand two hundred eleven" in figures.

3. Describe the unshaded region in the diagram below.



4. Write the multiplicative inverse of $3\frac{1}{4}$.

5. Find the next number in the sequence.
1, 4, 9, 16, _____

6. An examination started at 11:40am and lasted for $2\frac{1}{2}$ hours. When did it end?

Name.....	Name.....
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2 pages: **A** and
sections altogether.
12. Sectio
must be answers
written in the both
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7. Simplify $-5 + -3 =$
8. Given that $m=2$ and $n= -7$
Find the value of $\frac{mn}{n}$
9. If  represents 9 balls. Draw pictures to represent 36 balls.
10. Zam had a bundle of one thousand shillings notes numbered from BC 26672 to BC 26701. How much money did she have?

11. Calculate the area of the figure below.



12. Using a ruler and a protractor only, draw an angle of 135° .

13. Given that set $Q = \{a, b, c\}$. Find the number of subsets in set Q .

Index No.
Print's Name
School Name
Read the following instructions A and B.	
This paper has two parts A and B. All questions in part A and B must be answered. All answers in part B must be written in blue or black ink.	
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Part A	Part B
25-26	27-28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60

14. Change 15ten to ternary base.

15. Write $12\frac{1}{2}\%$ as a fraction in its simplest form.

16. Express the number whose standard form is 9.61×10^{-2} .

17. Solve for r:
 $3\pi \div 3 = 2r$

18. Find the value of p in the diagram below.

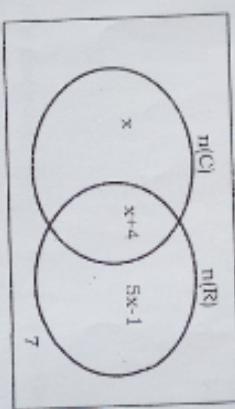


19. How many $\frac{2}{3}$ litre cups can be got 36 litres of cooking oil?

20. Workout the mean of 9, 3x, 0, 2x and 6.

SECTION B

21. The venn diagram below shows the number of farmers who grow different crops on a community farm.



a) If 24 farmers grow cassava, find the value of x . (3marks)

b) How many farmers grow only one crop? (2marks)

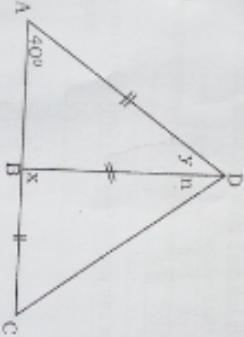
CHURCH OF PROVINCIAL EXAMINATIONS	DRIBBLETON COLLEGE	COUNCIL OF PRIMAR Y EXAMINATIONS	MATHEMATICS	ALL OVER 2 HOURS
1	1	1	1	1
Ques. A	Ques. B	Ques. C	Ques. D	Ques. E
1-5	6-10	11-15	16-20	21-22
Ways to better yourself	Ways to better yourself	Ways to better yourself	Ways to better yourself	Ways to better yourself

22. Four girls Maria, Mercy, Mable and Michelle shared sweets in the ratio of 2:3:1:4 respectively. If Michelle got 24 sweets.

a) How many sweets did they share altogether? (3marks)

b) How many more sweets did Mercy get than Maple?
(2 marks)

23. In the figure below, represents isosceles triangle.



- a) Find the size of angle y .

b) Calculate the size of angle x.
[2marks]

C	PROVINCIAL DIRECTORATE OF HIGHER EDUCATION	PRIM	MATH	Type Allowed : 2	No.
1	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	1-1-1
2	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	2-1
3	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	3-1
4	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	4-1
5	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	5-1
6	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	6-1
7	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	7-1
8	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	8-1
9	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	9-1
10	STRUCTURES OF CREATIVITY	STRUCTURE A AND B DESIGN A	STRUCTURE B DESIGN	IN THE WORKS OF BOOK	10-1

c) Work out the size of angle n.

24. The sum of 3 consecutive odd numbers is 81, if the first number is p . Find the value of p . [4 marks]

25. The table below shows marks scored by some pupils. Use it

Marks	40	54	80	72
Number of pupils	3	n	1	2

6) If the mean mark of the pupils was 39, find the value of n.
[4marks]

b) Find the number of pupils who scored the above marks in the table. (1mark)

Index No. **MAY** PI
Time allowed.

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following

has **two** instructions
in two sections; A
and B. Section A
has 12 questions.
Section B has 12
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must be written in
the spaces provided.

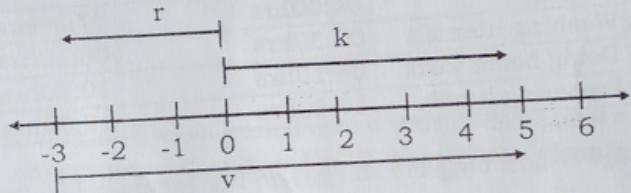
Written in ink. Using
any blue or black
ink. Any work or
marking done in
pink or red will not
be marked.

Work may lead to
incorrect answers
which may be reas-

26. The table shows Musa's shopping list. Study it and answer questions that follow; (5marks)

Item	Quantity	Unit cost	Total cost
Sugar	2 $\frac{1}{2}$ kg	Shs. 5,000=	Sh_____
Salt	_____ kg	Shs. 1200=	Sh. 600=
Soap	3bars	Sh_____	Sh 9,900=
Rice	_____ kg	Sh. 3,000=	Sh_____
Total expenditure			Sh. 26,500=

27. Study the diagram below and answer the questions that follow;



- a. Write the integers represented by the arrows.

i) k _____ (1mark)

ii) r _____ (1mark)

iii) v _____ (1mark)

- b. Find the additive inverse of integer represented by arrow r. (2marks)

28. Solve; $5(y-3) - 4(2-y) = 4$ (3marks)

(2marks)

- b) Given that $a=3$, $b=3$ ad $c=5$.
Find the value of $\frac{ac - b}{ab}$

29. The table below shows how a P.7 girl spent her morning hours every day during school holidays.

Activity	From	To
Praying	06:00hrs	07:30hrs
Washing utensils	07:30hrs	08:10hrs
Doing home work	08:10hrs	10:20hrs
Preparing lunch	10:20hrs	12:30hrs

- a) For how long did the girl do her homework? (1mark)

- b) Express the ending time of preparing lunch in a 12-hour clock system. (2marks)

- c) How long did the girl spend on washing utensils and doing homework. (2marks)

Index No. **n**

Pupil's Name

School Name

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Read the following:

1. This paper has 20 questions two sections

2. The paper has 12 pages sections A and B

3. Answer has 12 and sections A and B can provide 4 and questions altogether has 12 Sections

4. All answers must be written in black ink

5. Pencil ball point must be used to draw diagrams other than pen or pencil may be used to draw graphs or diagrams will be written in the spaces provided. Any handwriting that is not legible or any marks that cannot be read may lead to loss of marks

"Do not fill anything in the question paper. If you do, the examiner will not be able to mark your answer."

30. A builder used small bricks each measuring 15cm by 8cm to cover a compound of 30m by 20m. How many bricks did he use? (3marks)

b) If each box contains 200 bricks, how many boxes of bricks are needed to cover the whole compound? (2marks)

31. Using a ruler, a pencil and a pair of compasses only, construct a rhombus ABCD where AB=6.5cm and angle BAC=60°. (4marks)

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b) Measure angle ABC (1mark)

32. Simplify; $\frac{0.02 + 0.22}{0.65 - 0.53}$ (2marks)

b) Workout: $\frac{1}{2} \div \frac{1}{4} + \frac{1}{3} \times \frac{1}{5}$ (3marks)

END

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marked with boxes will not be
marked.