



THE MILESTONE EXAMINATIONS 2024

P.5 BEGINNING OF TERM II

MATHEMATICS

Time allowed: 2 hour 30 minutes

Pupil's Name:

Pupil's Signature:

School Name:

Read the following instructions carefully;

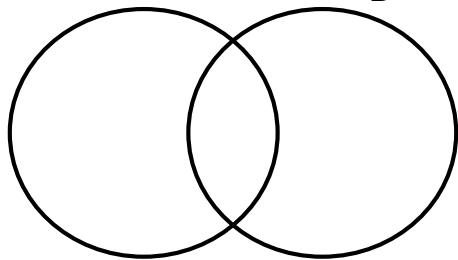
1. This paper has two sections: **A** and **B**
2. Section **A** has **20** questions (**40 marks**)
3. Section **B** has **12** questions (**60 marks**)
4. Answer all questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
5. All working must be done using a blue or blackball point pen or ink. Any work done in pencil will **NOT** be marked.
6. Unnecessary changes in 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.

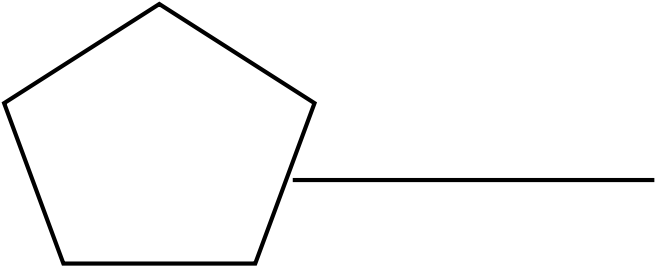


FOR EXAMINERS'		
USE ONLY		
Qn. No.	Marks	EXR's No.
1-5		
6-10		
11-15		
16-20		
21-22		
23-24		
25-26		
27-29		
30-32		
TOTAL		

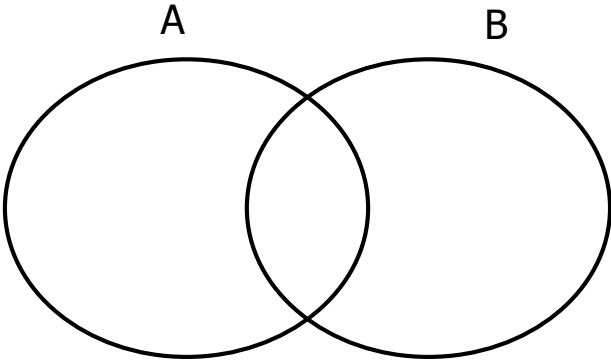
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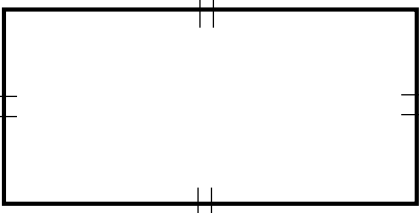
SECTION A (40 MARKS)

1	Work out: $8 \times 6 =$	2	Simplify: 3pens + 2 pencils + 5 pens + 4 pencils.
3	Write 49 in roman numerals	4	Shade A – B 
5	Find the next number in; 2, 3, 5, 7, _____	6	Write 14,094 in words.
7	Solve: $p - 6 = 9$	8	Change 123 _{five} to decimal base.
9	Share 219 books equally among 3 classes. How many books does each class get?	10	Change 4kg to grams.

11	Calculate the LCM of 12 and 18.	12	What is the value of 4 in the number 7465?
13	Simplify: $\frac{1}{2} + \frac{1}{3}$	14	Name the polygon below. 
15	Find the square of 9.	16	Given that  represents 4 balls. How many balls are represented below? 
17	Write the next equivalent fraction to $\frac{3}{4}$.	18	Add: $\begin{array}{r} 3 \quad 4\text{five} \\ + 2 \quad 2\text{five} \\ \hline \\ \hline \end{array}$

19	Mercy bought 8 books at sh. 600 each. How much money did she pay for the books	20	What number has been expanded to give: $4000 + 30 + 5$?
SECTION B (60 MARKS)			
21	<p>Given that set $A = \{0, 2, 4, 6, 8, 10\}$</p> <p>a) Represent the above set on the Venn diagram below. (3 Mks)</p> <div style="text-align: center;">  </div>	<p>b) Find $A \cap B$. (1 Mk)</p> <hr/> <p>c) Find $n(A \cup B)$ (2 Mks)</p>	
22	a) Given the two numbers 24 and 36. Prime factorize each number and answer in set notation form. (4 marks)	b) Work out the GCF of 24 and 36. (2 Mks)	

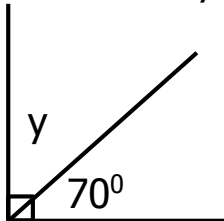
23	<p>a) In a class of 40 pupils, $\frac{3}{5}$ of them are girls, what fraction are boys. (1 Mk)</p>	<p>b) Find the number of; (2 Mks @)</p> <p>i) Girls</p> <p>ii) Boys</p>
24	<p>Dorcus had sh.10,000 and bought the following.</p> <p>2kg of cassava flour at sh.2,200 per kg.</p> <p>1 bar of soap at sh. 3,500.</p> <p>500gm of salt at sh. 12,00.</p>	<p>b) Calculate the volume of the cuboid. (3 Mks)</p>
	<p>a) How much did she spend on cassava flour? (2 Mks)</p>	<p>c) Calculate her change. (2 Mks)</p>

25	<p>Given that digits 8, 3, 7.</p> <p>a) Form the smallest number. (1 Mk)</p>	<p>b) Form the largest number. (1 Mk)</p>
<p>c) Find the sum of the largest and the smallest numbers formed. (2 Mks)</p>		
26	<p>Arthur scored the following marks. 70, 50, 80, 40, 60.</p> <p>a) Find his average mark. (2 Mks)</p>	<p>b) Workout the meridian mark. (1 Mk)</p>
<p>c) Find the range. (2 Mks)</p>		
27	<p>Use the figure below to answer the questions that follow.</p>  <p>10m</p> <p>a) Name the figure. (1 Mk)</p> <p>_____</p>	<p>b) Calculate the area of the figure. (2 Mks)</p>
		<p>c) Find its perimeter. (2 Mks)</p>

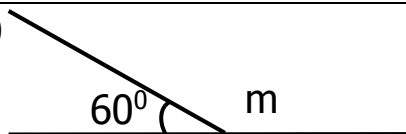
28	a) In the number 72308, what is the place value of digit 2? (1 Mks)	b) Find the sum of the value of digit 7 and the value of digit 3 in the above number. (2 Mks)
	c) Round off 428 to the nearest tens. (1 Mk)	
29	3 buses and 5 taxis were used to take pupils for a tour. Each bus carried 70 pupils and 4 teachers. Each taxi carried 14 pupils and 2 teachers. a) How many pupils were carried by the buses? (2 Mks)	b) How many teachers went for the tour? (2 Mks)
		c) Find the total number of pupils who went for the tour. (2 Mks)
30	Use >, < or = to complete the following. (1 M) 14 _____ XVI 14 + 1 _____ 14 X 1 3kg _____ 3000g $\frac{1}{4}$ _____ $\frac{1}{2}$	

31

a)



b)



32

The table below shows the number of pupils in lower primary classes of Victoria Montessori School.

Class	P.3	P.2	P.1
Number	55	70	29

a) Which class has the least number of pupils?

(1 Mk)

b) Find the difference between the number of children in P.1 and P.2.
(2 Mks)

c) Find the total number of pupils in lower primary at Victoria Montessori School?
(2 Mks)

END