



SMART STAR EXAMINATIONS BOARD
BEGINNING OF TERM III EXAMINATION - 2024
PRIMARY FOUR
MATHEMATICS

Time allowed : 2 hours **30** minutes

Pupil's Name

School Name.....

Read the following instructions carefully:

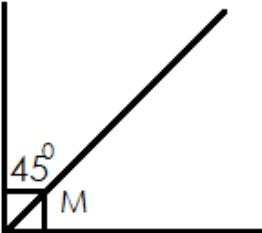
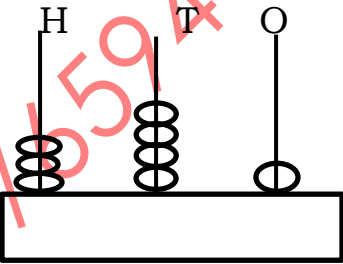
1. This paper has **two** sections: **A** and **B**.
Section **A** has **20** questions and section **B** has **12** questions.
2. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working must be done using a **blue** or **black** ball-point pen or fountain pen. Any work done in pencil other than graphs, pictures and diagrams will **not** be marked.
4. **No calculators** are allowed in the examination room.
5. Unnecessary changes of work may lead to **loss** of marks.
6. Any handwriting that cannot easily be read may lead to **loss of marks**.
7. Do **not** fill anything in the boxes indicated: **"For Examiners' Use Only"** and boxes inside the question paper.





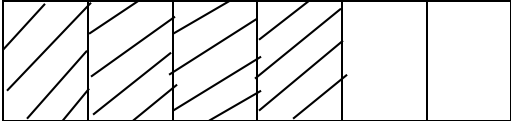
FOR EXAMINERS' USE ONLY		
QN. NO.	MARKS	EXR`S NO.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

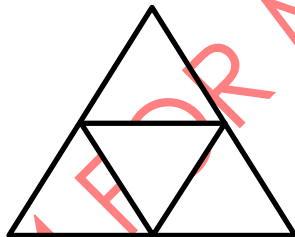
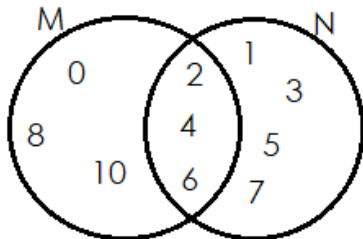
SECTION A: 40 marks

Answer **all** the questions in this Section.

Questions **1** to **20** carry two marks each.

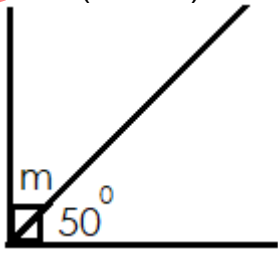
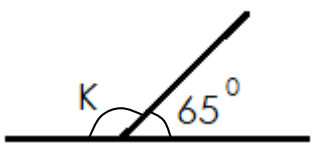
1.	<p>Multiply: $\begin{array}{r} 23 \\ \times 2 \\ \hline \end{array}$</p>	2.	<p>Find the next number in the sequence: 15, 12, 9, 6, _____</p>
3.	<p>Find the value of m.</p> 	4.	<p>Expand 324 using values.</p>
5.	<p>Complete the abacus and write the number shown in words.</p> 	6.	<p>Solve: $\square + 9 = 11$</p>
7.	<p>In the space provided below, draw cylinder.</p>	8.	<p>Find the sum of the first 4 odd numbers.</p>

9.	Change 180minutes to hours.		
10.	Derrick bought a watch at Sh.10000 and later sold it at Sh 15000. Find the profit he made.	11.	The length of a rectangle is 6m and its width is 4m. Find its perimeter.
12.	At a certain function, there were 60 men, 40 women and 28 children. How many people were at the function altogether?	13.	Given that  represents 15 balls. How many balls are represented by;    ?
14.	Write 42 in Roman numerals.	15.	Name the unshaded fraction in words. 

16.	Benon is 12 years old. His brother is 5 years younger than him. How old is the brother?	17.	Given that $R=\{4,3,2,1,0\}$ and $T=\{8,6,4,2\}$. Find $R \cup T$
18.	If $a=10$, $b=12$. Find the value of $b - a$	19.	Subtract $\frac{5}{11}$ from $\frac{9}{11}$
20.	How many triangles are in the figure below? 		
<u>SECTION B</u>			
21.	Use the venn diagram below to answer the questions that follow.  a) List all members of set N. (1mk)		

	<p>b) Find:</p> <p>i) $M \cap N$ (1mk) ii) $N - M$ (1mk)</p> <p>ii) $n(M \cup N)$ (2mks)</p>
22	<p>Use digits 5, 7, 2 and 3.</p> <p>a) Form the largest and smallest 4-digit number;</p> <p>i) Largest – (1mk)</p> <p>ii) Smallest – (1mk)</p> <p>b) Correct the largest 4 digit number to the nearest hundreds. (2mks)</p> <p>c) Find the difference between the biggest and smallest 4-digit numbers formed. (1mk)</p>
23	<p>Solve the following;</p> <p>a) $M + 5 = 8$ (2mks) b) $y - 7 = 3$ (2mks)</p>

	b) $3P = 12$ (2mks)
24	<p>a) Write a set of first 4 even numbers. (1mk)</p> <p>b) Find the L.C.M of 7 and 6. (2mks)</p> <p>c) Find the GCF of 15 and 20. (2mks)</p>
25	<p>Add: $\frac{1}{2} + \frac{1}{3}$ (2mks)</p> <p>b) Seth had a cake and ate $\frac{1}{3}$ of it during breaktime. What fraction of a cake did he remain with? (2mks)</p>

	<p>c) Atim read $\frac{3}{11}$ of the book in the morning, $\frac{4}{11}$ after breaktime and $\frac{2}{11}$ of it after lunch. What fraction of the book did she read altogether? (2mks)</p>	
26	<p>Work out the following;</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>a) $\begin{array}{r} 29483 \\ - 4765 \end{array}$ (2mks)</p> <p>_____</p> <p>_____</p> </div> <div style="width: 45%;"> <p>b) $\begin{array}{r} 435 \\ + 259 \end{array}$ (2mks)</p> <p>_____</p> <p>_____</p> </div> </div> <p>b) $\begin{array}{r} 9 \overline{) 927} \end{array}$ (2mks)</p>	
27	<p>Find the missing angles.</p> <p>a) (2mks)</p> 	<p>b) (2mks)</p> 

28

The table below shows the price list in John's Retail shop.

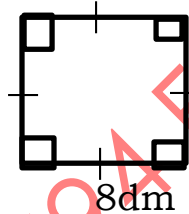
A pencil - Sh 500
 A book - Sh 1000
 A pen - Sh 800
 A ruler - Sh 1500

a) How much money can one pay for 2 books and 3 pens. (3mks)

b) How much money can one spend if he buys all the items in the price list above. (2mks)

29

Use the figure below to answer the questions that follow.



a) Name the figure. (1mk)

b) Find its area. (2mks)

c) Work out the total distance around the above figure. (2mks)

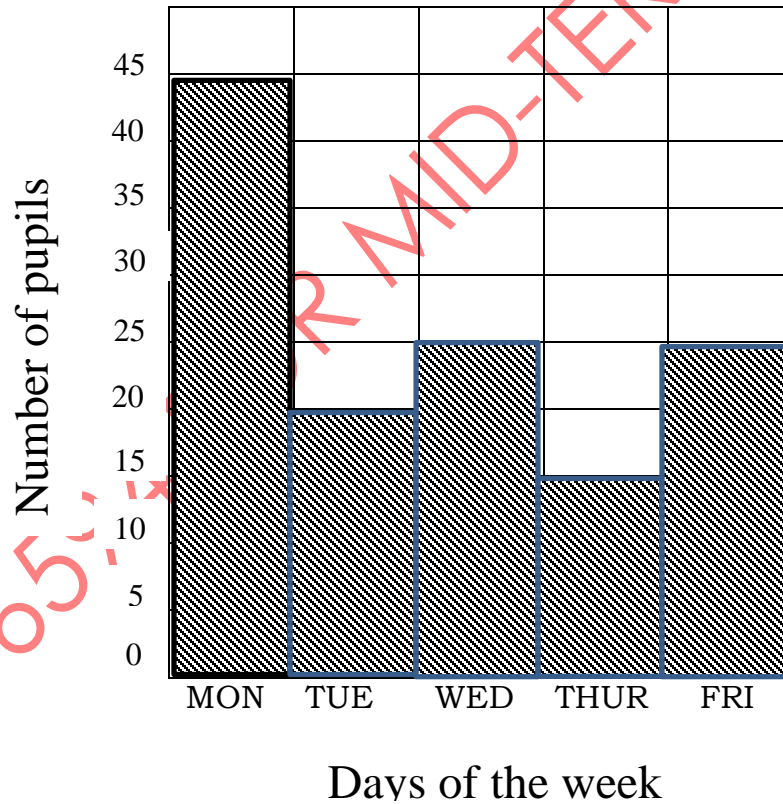
30

a) Convert 42 days to weeks? (2mks)

b) Convert 7kg to grams. (2mks)

31

The graph below shows the daily attendance of P.4 pupils for a week. Study it and answer the following questions.



a) How many pupils were present on Wednesday? (1mk)

	<p>b) Which days had the same number of attendance? (1mk)</p> <p>c) How many more pupils attended on Monday than Thursday?(2mks)</p>
32	<p>At a certain party, there were 72 guests who attended $\frac{3}{8}$ ate chicken and the rest ate fish.</p> <p>a)Find the fraction of those who ate Fish.</p> <p>b)How many guests ate chicken? (2mks)</p> <p>c)How many more guests ate fish than chicken. (2mks)</p>

END