

WAKISO DISTRICT JOINT EXAMINATIONS BOARD
(WAKISO MAIN, KIRA, MAKINDYE AND NANSANA MUNICIPALITY)
INTERNAL ASSESSMENT SET ONE TERM II 2024

PRIMARY SEVEN MATHEMATICS
TIME ALLOWED: 2 HOURS AND 30 MINUTES

NAME:																	
SCHOOL:																	
INDEX NO.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Emis No.</td> <td style="width: 50%; text-align: center;">Personal No.</td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> </td> </tr> </table>	Emis No.	Personal No.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>						
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DISTRICT/ MUNICIPALITY:																	

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO
READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper is made up of two sections A and B
2. Section A has 20 questions (40 marks)
and B has 12 questions (60 marks)
3. Answer all questions in both sections A and B.
4. All answers must be written in the spaces
provided in Blue or Black ink.
Only diagrams and graph work be done in pencil
5. Any handwriting which cannot be read, may lead
to loss of marks.
6. Unnecessary crossings will lead to loss of marks.

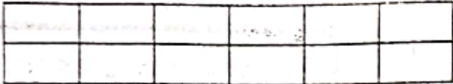
ORGANISED AND PUBLISHED BY:


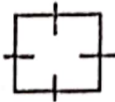
WAKISO DISTRICT JOINT EXAMINATIONS BOARD

FOR EXAMINER'S USE ONLY		
QN NO.	MARKS	SIGN
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 (40 MARKS)

1.	Work out: $6.72 + 0.4$	2.	Simplify: $7w - 3w + w$
3.	Write seventy thousand two hundred seven in figures.	4.	Given that set $K = \{w, y, k\}$. Find the number of proper subsets that can be formed from set K.
5.	Shade $\frac{2}{3}$ 	6.	Solve: $3m - 6 = 54$
7.	Round off 47.65 to the nearest whole number.	8.	Express 149 in Roman Numerals.
9.	Find the next number in the sequence. 27, 26, 24, 21, 17, _____	10.	5 books cost sh. 4000. Find the cost of 2 books.

11.	If  represents 20 bars of soap, draw pictures to represent 50 bars of soap.	12.	The volume of the rectangular tank is 240cm^3 . If its length is 10cm and width 8cm. Find its height.
13.	A bus driver started his journey at 8:35am. If he drove for 2 hours and 45 minutes, at what time did he reach his destination?	14.	The area of the figure below is $12\frac{1}{4}\text{ m}^2$. Find the length of its side. 
15.	Write the solution set for: $3n - 1 \leq 11$	16.	Calculate the simple interest on sh. 30,000 kept in a bank for 6 months at $12\frac{1}{2}\%$ per annum.
17.	Simplify: $+4 + -7$	18.	Multiply: 11_{two} by 11_{two}

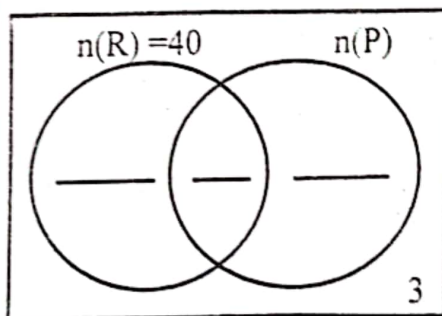
19. The circumference of the circle is 176cm. Find its radius.

20. In the space below, construct an angle of 75° .

SECTION B (60 MARKS)

21. In a class of 65 pupils, 40 eat rice (R), 2d eat posho (P) only, 9 eat both rice and posho and 3 eat neither of the two food stuffs.

a) Represent the above information on the venn diagram below



(3mks)

b) Find the value of d.

(1mk)

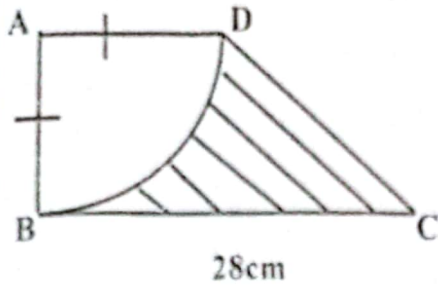
c) How many pupils like posho?

(1mk)

d) How many pupils eat only one type of food?

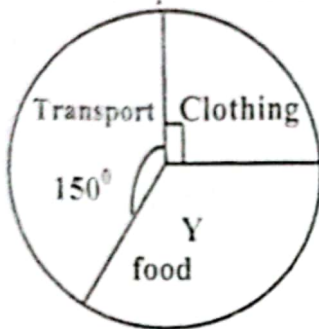
(1mk)

25. The figure below is a trapezium where $AB = AD = 14\text{cm}$, $BC = 28\text{cm}$ and ABD forms a quarter of a circle. Calculate the area of the shaded part. ($\pi = \frac{22}{7}$)



(5mks)

26. The pie chart below shows how Mr. Mugagga spends his salary. Use it to answer the questions that follow.



- b) If sh. 50,000 is spent on clothing. How much does Mugagga earn as his monthly income?

(2mks)

- a) Find the value of Y.

(2mks)

27. In the library, there are 1600 books. 30% are English books, 20% are Science books and the rest are Mathematics books.

- a) How many books are for English?

(2mk)

- b) What percentage are the Mathematics books?

(1mk)

- d) Calculate the number of Mathematics books?

(2mks)

<p>31. Use the table below to answer the questions that follow.</p> <table border="1" data-bbox="312 224 743 353"><tr><td>Marks</td><td>40</td><td>70</td><td>90</td><td>60</td></tr><tr><td>No of pupils</td><td>4</td><td>3</td><td>1</td><td>2</td></tr></table>	Marks	40	70	90	60	No of pupils	4	3	1	2	<p>a) Find the modal frequency.</p> <p>(1mk)</p>
Marks	40	70	90	60							
No of pupils	4	3	1	2							
<p>b) Find the range.</p> <p>(2mks)</p>	<p>c) Calculate the mean.</p> <p>(3mks)</p>										
<p>32. In the space below, construct a rhombus ABCD where by diagonal DB is 10cm and diagonal AC = 12cm</p> <p>a)</p> <p>(4mks)</p>											
<p>b) Find the area of the rhombus.</p> <p>(2mks)</p>											

END