WAKISO DISTRICT JOINT EXAMINATIONS BOARD

(WAKISO MAIN, KIRA, MAKINDYE AND NANSANA MUNICIPALITY)

INTERNAL ASSESSMENT SET ONE TERM TWO 2023

PRIMARY SEVEN MATHEMATICS

TIME ALLOWED: 2 HOURS AND 30 MINUTES

NAME: ....

SCHOOL: ....

INDEX NO.

	Emis No.					Personal No.		

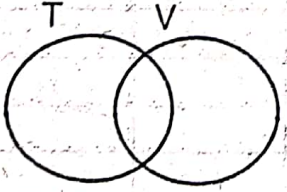DISTRICT/ MUNICIPALITY: ....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO
READ THE FOLLOWING INSTRUCTIONS CAREFULLY
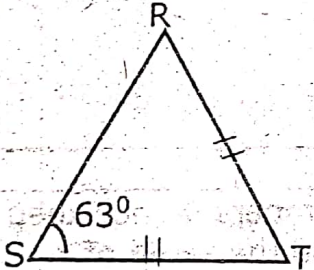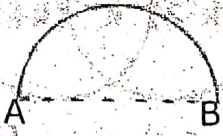
1. The paper is made up of two sections A and B

2. Section A has 20 questions (40 marks)
   and B has12 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: **W.A.D.E.B**

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		

SECTION A (40 MARKS)

1.	Work out:	2.	Write 149 in Roman Numerals.
	$\begin{array}{r} 12.8 \\ +\ 7.1 \\ \hline \end{array}$		
3.	Simplify: $5m - 5n + 4m + 4n$	4.	Work out: $\dfrac{5}{12} + \dfrac{4}{9}$
5.	Find the supplement of the angle 75^0.	6.	Write in figures: Two hundred and two hundredths.
7.	In the Venn diagram below shade $(T \cap V)'$. T V	8.	The time in 12 hour clock is 25 minutes past mid night. Write the time in 24 hour clock.

9.	Solve: $m^2 + 2 = 38$	10.	Convert 156 months to years.
11.	Express 13_{ten} as a binary base.	12.	How many $\frac{1}{4}$ litre cups of water can fill a container that can hold 13 litres of water?
13.	Triangle RST is an Isosceles triangle. Find the size of angle STR.	14.	Find the simple interest for sh. 21,000 for 2 days at a rate of 15% per week.
15.	A village L.C.I meeting which took $1\frac{3}{4}$ hours ended at 4:05pm. What time did it start?	16.	The length of the arc AB is 22cm. Find its diameter.

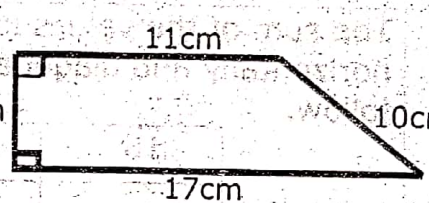| 17.	Find the next number in the sequence below. 41, 43, 46, 51, 58, _____
18.	Use the figure below to write the mathematical statement shown. $-5 \quad -4 \quad -3 \quad -2 \quad -1 \quad 0 \quad +1 \quad +2 \quad +3 \quad +4 \quad +5 \quad +6$ d)
19.	Increase 70kg in the ratio of $\dfrac{3}{4} : \dfrac{1}{2}$
20.	The bus conductor had a receipt book numbered from TYY 5000 to TYY 5299 respectively. How many receipts were in the book?
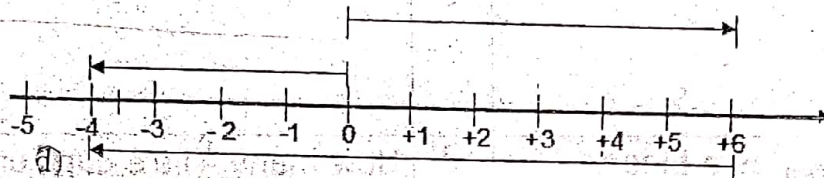
SECTION B (60 MARKS)

21.	The Venn diagram below shows animals and birds kept by SACCO members.	(a)	If 25 members do not keep birds, find the value of k.
	Animals Birds (3k-2) k (k+2) (k-1)		
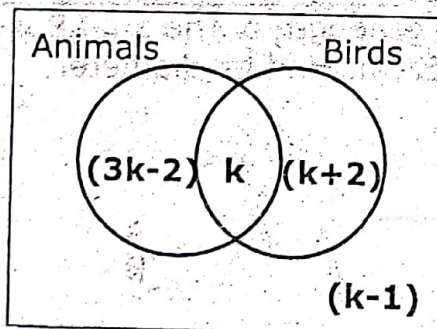
(3mks)

(b)	How many members are in the SACCO altogether?	22.	A teacher wrote three digit numbers using the digits 2, 4 and 7.
		(a)	Write down all possible 3 digit members greater than 400 that a teacher wrote.
	(2mks)		(4mks)
22 (b)	What was the probability of a teacher writing an odd number if he used all the three digits for writing the numbers?	23.	Study the figure below and answer the questions that follows.
	(1mk)		
23 (a)	Name the figure.	23 (b)	Calculate the space it covers
	(1mk)		(3mks)
24. (a)	Find the value of **X** : $4+4 = X$ (finite 5)	24 (b)	Yesterday was Tuesday, what day of the week will it be in 47 days from today?
	(2mks)		(3mks)

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

Marks	40	64	80	72
No. of pupils	3	n	1	2

(a) Find the number of pupils.

(1mk)

b) If the mean mark of the pupils was 59, find the value of **n**.

(4mks)

26. The sum of the values in the table below is the same vertically, horizontally and diagonally. Study it and answer the questions that follow.

16	2	___
___	10	14
8	___	4

(a) Find the magic sum.   (b) Fill in the missing values.

(2mks)   (3mks)

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

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

27 (a)	For how long does she wash the utensils? (2mks)	(b)	What was she doing at 09:00 hours? (1mk)
(c)	Write the time she started preparing food for lunch in 12 hour clock system. (1mk)	28. (a)	Draw beads to show 243_{five} on the abacus (show place value). (2mks)
28 (b)	What is the value of 2 on the abacus? (2mks)	28 (c)	Write the number in words. (1mk)

29	Bosco was given money to buy things for going back to school and he bought the following;
	2 dozens books of 48 pages at sh. 6,400 per dozen.
	3 bars of washing soap at sh. 4,000 per bar.
	2 tablets of bathing soap at sh. 2,500 each.
	Tooth paste and tooth brush at sh. 4,000.
	School bag at sh. 15,000

29 (a)	If he remained with sh. 3,200 after paying for all those items, how much money was he given for buying things? (6mks)

30. (a)	Using a ruler, a pencil and a pair of compasses only, construct a rectangle WXYZ in which WX=8cm and XY = 6cm. (4mks)		
30 (b)	Measure the length of diagonal ZX. (1mk)	31. (a)	Given that a=b =3 and c=4, find the value of: a b c (2mks)
31 (b)	c^2+b (2mks)	31 (c)	$\frac{1}{2}ac - b$ (2mks)
32. (a)	James is 2 times as old as his brother Vincent. 4 years ago their total age was 24 years. How old is Vicent now? (3mks)	(b)	How old was James 4 years ago? (2mks)

END