OUTREACH SCHOOLS EXAMINATIONS BOARD

MID TERM III EXAMINATION 2023

P.5 MATHEMATICS

Time Allowed: 2hours 30 Minutes

Pupil's Name: ....

Class: ....

School Name: ....

Read the following instructions carefully:

1. This paper has two sections: **A** and **B**

2. Section **A**has 20 short questions (40 marks)

3. Section **B** has 12 questions (60 marks)

4. Answer allquestions. All the working for both sections Aand Bmust be shown in the spaces provided.

5. Allworking must be done using a blueor blackball point pen or ink. Any work done in pencil will NOTbe marked except drawings and diagram.

6. Unnecessary changesin 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 - 10		
11 – 20		
21 – 30		
31 – 32		
TOTAL		

Turn Over

SECTION A

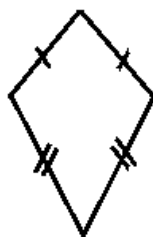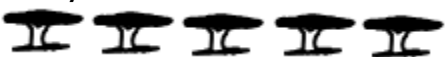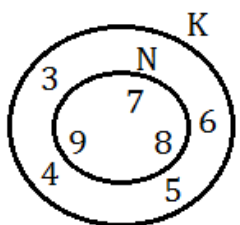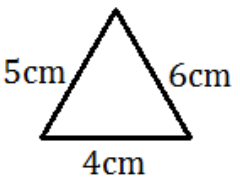|	

1. Work out:
 	
   2 6 5
  - 4 4
  _____
	2. In the space provided below, draw and shade set X∪ set Y.

3. Write XXIX as a Hindu Arabic numeral.	4. Round off 396 to the nearest tens.
5. List down the first four multiple of 3.	6. Find the next number in the sequence. 2, 3, 5, 7, _____
7. Name the set symbol. ∩	8. Name the shape below.
9. Given that 1 shilling equals 100 cents, find the number of cents in 7 shillings.	10. Amoding shared 55 mangoes equally among 5 sisters. How many mangoes did each get?

11. Change $\frac{9}{2}$ to a mixed number.	12. If represents 3 trees, how many trees are in Peter's compound with
13. Find the value of 9 hundreds + 6 tens + 3 ones.	14. Draw an oval shape in the space provided below.
15. On the Venn diagram, list down all members of set K. 	16. Add: $\begin{array}{r} 9\ 0\ 4\ 3 \\ +\ \ 9\ 6\ 4 \\ \hline \end{array}$
17. Write twelve hundredths in figures.	18. Change 4 metres to centimeters.
19. Find the total distance around the shape. 	20. Work out: 24 x 0

SECTION B

21. Given the numeral 4639
a) Write the numeral in words.   (2mks)

b) Expand the numeral using values.   (2mks)

c) Find the place value of 6 in the numeral above.   (2mks)

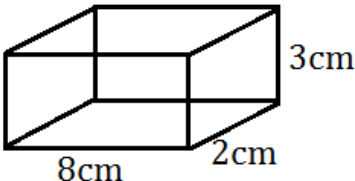22. Given the two sets A and B, A = {a, b, c, d, e, f, g}   B = {a, e, i, o, u}
a) Identify and list down the elements in A∩B.   (2mks)

b) Represent the above information in two sets on the Venn diagram. (3mks)

c) Find A – B.   (1mk)

23. Given that a = 2, b = 6 and c = 4
i) Find a + b + c   (1mk)

ii) What is (a x c) – b? (2mks)	iii) Find b ÷ a (1mk)

24(a) Work out: (2mks)	b) (2mks)
3 2 3 five + 2 2 five ——— five	4 2 4 five - 1 1 five ——— five

25. Otiabo bought the following items from Owino market.
- 1kg of rice at 2200/=.
- 3kg of meat at 6000/= each kg.
- 2 litres of milk for 1600/= per litre.
- A bottle of mineral water for 800/=.

a) How many items did he buy? (1mk)	b) Which item was the most expensive one? (1mk)

c) How much was the cheapest item? (1mk)	d) Find the cost of rice and a bottle of mineral water. (2mks)

26. Given the cuboid below,

3cm

8cm   2cm

a) The cuboid has:

(1mk each)

i) _____ faces

ii) _____ edges

iii) _____ vertices

b) Calculate the volume of the cuboid in cm³. (2mks)

27(a) Add: (3mks)

Hrs   min
  3   2 5
+10   1 0
_____

b) Subtract: (3mks)

Weeks   Days
  4   3
- 2   2
_____

28(a) Work out: $2\frac{1}{3} + 3\frac{1}{2}$ (2mks)

b) Subtract: $\frac{9}{12} - \frac{3}{12}$ (2mks)

29. Use the digits 9, 2, 8 to:

a) Form the largest three-digit numeral. (1mk)

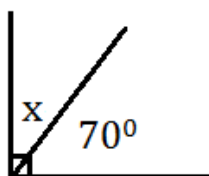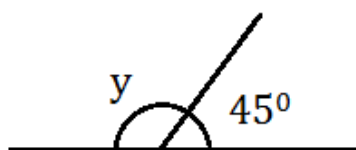| b) Form the smallest three-digit numeral. (1mk)	c) Subtract 234 from the smallest numeral formed in (b) above. (2mks)

30. Find the value of the unknown angles.
(3mks each)

a)	b)
 x 70⁰	 y 45⁰

31(a) Given the fraction $\frac{3}{5}$, work out its reciprocal.   (2mks)

b) Divide: $10 \div \frac{1}{2}$ (2mks)

32. The table below shows the tallies that represent pupils in four classes at St. Bernards Primary School. Use it to answer the questions that follow.

Class	Tallies	No. of pupils
P.4	卌 卌 卌 卌 卌 卌 卌 卌 卌 卌 |||	
P.5	卌 卌 卌 卌 卌 卌 卌 ||	
P.6	卌 卌 卌 卌 卌 卌 卌 卌 ||||	
P.7	卌 卌 卌 卌 卌 卌 卌 ||	

a) Complete the table by filling in the actual number of pupils in each class.   (4mks)

b) Which class has the biggest number of pupils?   (2mks)

END