OUTREACH SCHOOLS EXAMINATIONS BOARD

MIDTERM TERM II EXAMINATION 2023

P.4 MATHEMATICS

Time Allowed: 2hours 15 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 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 black ball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.

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

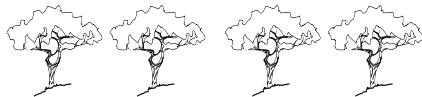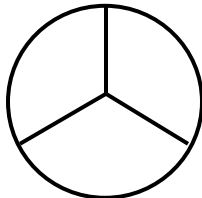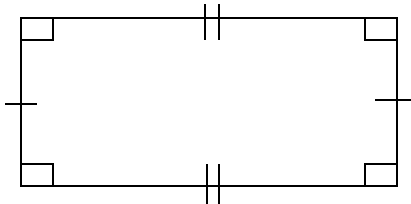   **"For examiners' use only"** and the boxes inside the question paper.
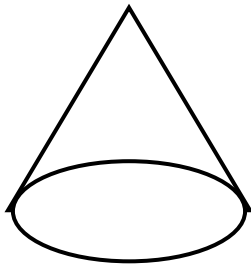
FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXR'S No.
1 - 10		
11 – 20		
21 – 30		
31 – 32		
TOTAL		

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Turn Over

SECTION A

1.	Add: 26 + 13	2.	Find the next number in the sequence. 4, 6, 8, 10, _____.

3.	Solve: $x + 3 = 7$	4.	Workout:
			   Weeks Days
			    6 3
			+ 1 5

5.	Apen costs sh.1200.What is the cost of 3 similar pens?	6.	Subtract: $\frac{7}{8}$ - $\frac{4}{8}$
7.	Expand 3 8 4 using values.	8.	Given that set A = {a, b, c, d} Find ∩(A)
9.	A farmer had 340 goats and sold 120 goats, How many goats remained?	10.	Express 3 metres to centimetres

11.	If stands for 10 trees, How many trees are represented by?	12.	Divide: 4 ⟌ 72
13.	Find the value of 2 in 9246	14.	Multiply 23 x8
15.	How many days are there in 4 weeks?	16.	Shade $^2/_3$ of the shape below.
17.	How many lines of folding symmetry does the figure below have? 	18.	Change 3¼ as an improper fraction.
19.	Name the shape drawn below. 	20.	Draw an angle of 120° using a protractor in the space provided below.

3

SECTION B

21.	If set M= { a, e, i, o, u } and set N= { a, b, c, d, e }

a) Show set M and N on the Venn diagram below. (3 marks)
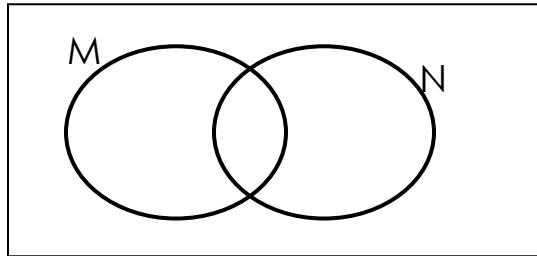
b) Find i)(M ∩ N)   (1mark)

   ii) ∩ (M u N)   (2marks)

22.	a) What number have been expanded to give.

   (6 x 1000) + (8 x 100) + (4 x 10) + (9 x 1)   (2 marks)

b) Write the above number in (a) in words.   (2 marks)

c) Show the above number on abacus.   (2 mark)

   TH   H   T   O

23.	In a class of 90 pupils, $\frac{1}{3}$ of them are girls and the rest are boys.
	a) Find the fraction of boys in the class. (I mark)
	b) How many boys are there in the class? (2 mark)
	c) How many more boys than girls are there in the class? (2 mark)
24.	Study the shape below and use it to answer questions that follow.

4cm

3cm

6cm

a) Name the shape   (1 mark)

b) How many
   i)   Vertices does it have?   (1 mark)

   ii)   Faces (1 mark)

c) Workout the volume of the above shape.   (3 marks)

| 25.	P. 4 pupils went shopping and bought the following items.
	- A pen at sh.1200
	- Mathematical set at sh. 1800
	- Ruler at sh. 500.
	a) What is the most expensive item from the list? (1 mark)
	b) How much did the pupil pay for a pen and a ruler? (2 marks)
	c) Workout the total cost of all the 3 items. (2 marks)
26.	a) Workout. (2 marks)
	Hours minutes
	6 30
	+ 2 40
	b) How many hours are there in 120 minutes? (2 marks)

27.	Below is rectangle, use it to answer the questions that follow.

8cm
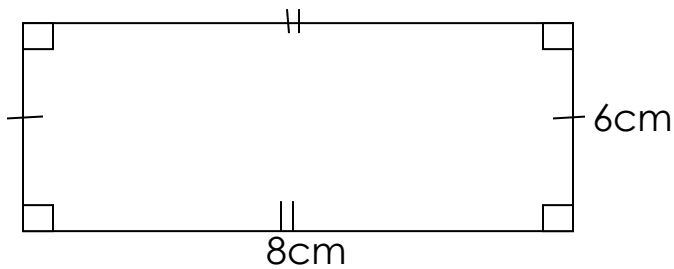
a) What is the length of the rectangle?   (1 mark)

b) Calculate the perimeter of the rectangle.   (3 marks)

28.	Use >, < or = to complete the statement. (2mark each)

a) 2 + 4 _____ 0 x 6

b) 3 x 4 _____ 6 +6

c) 9 ÷ 3 _____ 10 ÷ 2

29.	Given that digit 5, 2, and 4.

a) Form the biggest numeral using the above digits   (1mark)
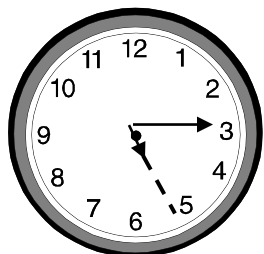
b) Form the Smallest numeral.   (1 mark)

c) Find the sum of the smallest and largest numeral formed.   (2marks)

30.	Read and draw the shapes below		(1 mark each)	
	square	triangle	kite	cube

31.	Tell the morning time shown on the clock face

(2 marks)

b)Work out: 44 x 36   c)Subtract   6 0 0

                                              - 2 6 4

32.	Study the pictograph below and answer questions.

Tom	
Jane	
Ali	
Shadia	

Given that ⊻ stands for 10 stools.   **(2 marks each)**

Questions

a) Who has the highest number of stools?

b) Which two pupils have the same number of stools?

c) How many stools do they have altogether?

END