

OUTREACH SCHOOLS EXAMINATIONS BOARD

BEGINNING OF TERM II EXAMINATION 2023

P.5 MATHEMATICS

Time Allowed: 2hours 15 Minutes

Pı	Pupil's Name:					
C	lass:	•••••	•••••	•••••		
S	chool Name:	• • • • • • • • • • • • • • • • • • • •	•••••	••••		
Re	ad the following instructions carefully:	FOR 1	EXAMINERS'	,		
1.	This paper has two sections: A and B	Ţ	JSE ONLY			
2.	Section A has 20 short questions (40 marks)	Qn. No.	MARKS	EXR'S		
3.	Section B has 12 questions (60 marks)					
4.	Answer all questions. All the working for both			No.		
	sections A and B must be shown in the spaces	1 - 10				
	provided.					
5.	All working must be done using a blue or black	11 – 20				
	ball point pen or ink. Any work done in pencil will					
	NOT be marked except drawings and diagram.	21 - 30				
6.	Unnecessary changes in your work and					
	handwriting that cannot be easily read may lead to	31 – 32				
	loss of marks.					
7.	Do not fill anything in the table indicated	TOTAL				

Turn Over

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inside the question paper.

"For examiners' use only" and the boxes

SECTION A (40 marks)

1.	Add: 3 2 + 1 5	2.	Write 2018 in words.
3.	Express 29 as a Roman numeral.	4.	Change 3000 metres to kilometers.
5.	Work out 5 x 8 ÷ 4	6.	Find the diameter of the circle below.
7.	Set X = {all odd numbers between 10 and 20}	8.	Write "a half past 8 o'clock in the evening" in figures.
9.	Fill in the missing number. + 4 = 9	10.	Change $\frac{9}{4}$ to a mixed number.
1	I. Find the next number in the	12	List down all the factors of 8.

sequence.		
5, 7, 11, 13, 17,		
13. Take away $\frac{2}{7}$ from $\frac{7}{8}$	14.	Expand 768 using values.
15. Add: Weeks Days 2 4 + 1 4	16.	A book costs sh.800. what is the cost of 3 similar books?
17. Round off 786 to the nearest tens.	18.	Draw a kite in the space provided below.
19. Shade set AUB on the venn diagram below.	20.	Given that represents 10 pens. How many pens are represented by
SECTION B ((Marks for each question ar	_	MARKS)

21.	Given that set P = {first 6 letters of English alphabet} and			
	set Q = {a, e, i, o, u} a) List down all elements of set P	. (2mks)		
	b) Use the above information to c	complete the Venn diagram below. (3mks)		
22.	Alex planted 5,185 trees on Mond a) Find the total number of trees			
	b) What is the difference between days?	n the number of trees he planted for two (2mks)		
23.	a) Solve for; (2mks) i)	ii)		

	b) I think of a number, when I divide it is the number?	by 3, I get 15 as the result. What (2mks)
24.	a) Write the next two equivalent fraction	ons to $\frac{2}{3}$. (2mks)
	b) Add: $\frac{3}{9} + \frac{4}{9}$	(2mks)
	c) Sandra had $\frac{8}{11}$ of a sugarcane and a cane did she remain with?	te $\frac{3}{11}$ of it. What fraction of a sugar (2mks)
25.	Given the digits 5, 2 and 4. a) Form all the 3 – digit numerals that digits.	can be formed using the above (3mks)

	b) What is the sum of the biggest and (2mks)	smallest 3 digit numerals formed?
26.	Use the magic square below to answer 7 a 5	the questions that follow.
	d 4 b 3 c 1 a) Find the magic sum.	(1mk)
	b) Find the value of; i) a ii) b	iii) c iv) d
27.	Study the figure below to answer the q	uestions that follow.
	6cm a) Name the figure drawn above.	(1mk)
	b) Work out its area.	(2mks)

- -	Calculate the total	distance around the	figure drawn above. (2mks)
28. a) N	Measure the lengt	h of line segment AB	below. (1mk)
A	Λ	——— В	AB = cm
b) F	Find the size of an	igle marked x.	(2mks each) x 21 40 ⁰
29. a) ł	low many minute	s make up 3 hours?	(2 mks)
b) \$	Subtract: Wks 3 - <u>1</u>	Days 4 3	(2mks)
			(2mks)

	1 kg of meat at sh.10,000	
	1kg of rice at sh.3000	
	1 heap of tomatoes at sh.1,200	
	1 kg of maize flour at sh.2000	
	a) What is the most expensive item? (1mk)	
	b) How much can Paul pay for 2kg of maize flour and a kg of rice? (2mks)	
	c) Tom bought a heap of tomatoes and he was given a change of sh.800. How much money did he go with? (2mks)	
3	1. a) List down all multiples of 3 between 10 and 30. (2mks)	
	b) Find the LCM of 4 and 6. (2mks)	

32.	Use the pictogr	aph below to answer the questions that follow.
	Names	No. of trees planted
	Suzan	무 무 무 무 무 무 무
	John	유
	Seth	
	Peter	<u>유</u> 유 유
	If r	epresents 10 trees.
	a) Who planted	I the least number of trees? (1mk)
	b) How many t	rees did Peter and John plant altogether? (2mks)
	c) How many n	nore trees did Suzan plant than John? (2mks)

"GOOD LUCK"