12.40	Section A	Section A (40 Marks)			
1	Workout: 43 - 33	2	Write "thirty six thousand forty" in figures.		
3	Find the next number in the sequence 1,3,6,10,15,	4	A trader bought a hen at sh 25000 and sold it at a profit of 10%. Find the profit the trader made.		
5	Find the value m in the die gram belo	w.			
6	Simplify: $\frac{3}{4} + \frac{1}{3}$	7	Given that set $R = \{2, 3, 5, 7, 11\}$ and set $T = \{1, 3, 5, 7, 9\}$. Find $n(R \cap T)'$		
8	Find the median of 25, 10, 15, 25, 15, 30, 15.	9	Find the square root of $6\frac{1}{4}$.		
10	Round off 93685 to the nearest thousands.	11	In a class, the ratio of boys to girls is 3:5 respectively. If there are 25girls, find the total number of pupils in the class.		

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A	In a basket there are 6 green apples and 5 red apples. If an apple is picked at random, find the probability that the apple picked is	13	The exchange rate for United States dollar to Uganda shillings is 1 US\$ = Ugsh 3800. How many United States dollars can one get
	red.		with Ugsh 456000?
100	cathog field (3) if a cathog so the cathog so	5 15 15 15 15 15 15 15 15 15 15 15 15 15	27 In a dame of 22 pupole, 43 papels (64), 12 pupils like, correspond to the correspondition of the correspondition.
in	m 501	Ne.	(a) Complete the Venn diagram
4	A taxi covered a certain distance at a the distance the taxi covered.	spee	ed of 70km/hr in 30 minutes. Calculate
5	Opoka bought 3.5kg of peas from a shop. Find the mass he bought in grammes.	16	Work out: -3 - +5 =
	Meet chalk what is the probability in	14	motors as pedalo a figura 8 11 (a)
		S STORE	(1975年) 1875年 (1975年) 1975年 (
17	Using a pair of compasses, a ruler an the space below.	dap	encil only, construct an angle of 45° in
	POTE BY A COLE BY A COLEAN ON TO AU		
			ensen arron de Naves de Carlo
18	Solve for n: 3 +2n = 9	19	Calculate the circumference of a bicycle wheel whose radius is 35cm. (Take $\pi = \frac{22}{7}$)
		120300	

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20	Atimango deposited sh 480,000 in a bank which offers a sim 8% p.a for 6 months. Calculate the simple interest she got	ple interest rate of after 6 months.
	town wels took step 3 - 4803	
	the waste protect to loned States college can one ge	the reference
	\$600002 dans driw	
	Section B (60 Marks)	
21	In a class of 72 pupils, 45 pupils like eating fish (F), K pupi	Is like eating meat
	(M), 10 pupils like eating both fish and meat while 3 don't	like eating any of
	the two types of dishes.	
	(a) Complete the Venn diagram below.	(02 marks)
1511	planta (m(E) = 72 ms la	tell A Lad covered
	$n(F) = 45 \qquad n(M) = R$	
	(b) Find the value of B	(02 1)
	(b) Find the value of R.	(02 marks)
	(c) If a pupil is picked at random to collect chalk, what is th	e probability that
	the pupil chosen likes eating one type of dish only?	(02 marks)
A Pet	To signs as the same agent the same same a second	(UZ Marks)
		infail length into
22	(a) Write down the number expanded to give (8x104) + (6 x	$(10^2) + (5 \times 10^0)$
		(02 marks)
		(UZ IIIIII ZV)
		(02 marks)
		(VZ murks)
	(b) Round off 47.16 to the nearest tenths.	(02 marks)
	(b) Round off 47.16 to the nearest tenths.	
22	The Charles of the Carcing of the Charles of the Ch	
23	A certain novel has 180 pages.	(02 marks)
23	The Charles of the Carcing of the Charles of the Ch	
23	A certain novel has 180 pages.	(02 marks)
23	A certain novel has 180 pages.	(02 marks)
23	A certain novel has 180 pages.	(02 marks)

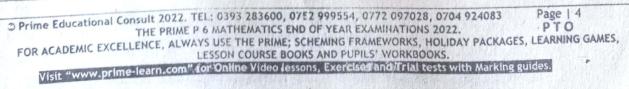
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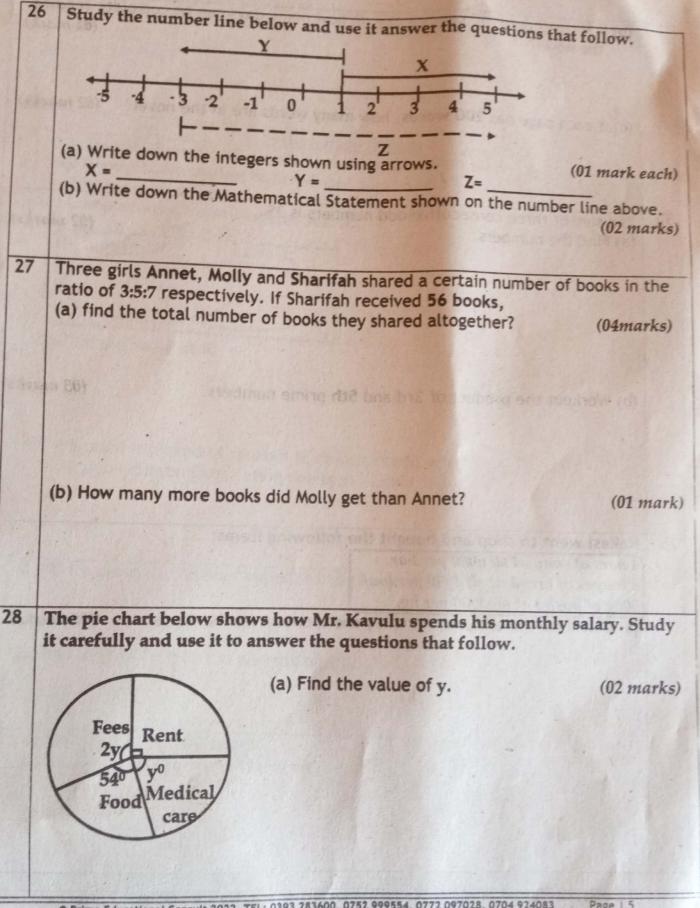
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	(b) If Miturial reads 10 pages a day, in how many days can he complete the novel?	reading (01 mark)
Man	(c) If each page has 200 words, how many words are in the novel?	(02 marks)
24	The state of the s	X
24	The sum of three consecutive odd numbers is 39. (a) Find the numbers.	(02 marks)
Ont	a glos Apnet, Motivand Shantan shared a certain-humber of books of	ent vs.
101	of 3d 7 reproctively. If statement cockined 36 books to the total and second for the cocks they shared and second for the cocks they shared and second for the cocks.	
	(b) Workout the product of 3rd and 5th prime numbers.	(03 marks)
Aun	to to the second particle when his second my appoint we	4 6
25	Nakasi went to shop and bought the following items; 4 bars of soap at sh 6000 per bar. 3 loaves of bread at sh 4800 per loaf. 500g of posho at sh 3000 per kg.	
thu	(a) Calculate the amount of money she spent on all the items.	(05 marks)
		建步展员
10 72		







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This is the spends	
(b) If he spends sh 108,000 on medical care, find his monthly salary	. (02 marks)
(c) Express the sector for rent as a fraction.	(01 mark)
BCD where BC = 7cm, BD =5cm and angle DBC = 90°.	a triangle (04 marks)
	(01 mark)
eached Kampala at 2:00pm.	(02 marks)
) How long did the whole journey take?	
	(c) Express the sector for rent as a fraction. (a) Using a pair of compasses, a ruler and a pencil only, construct a BCD where BC = 7cm, BD =5cm and angle DBC = 90°. b) Measure angle BCD. bus left Mbale at 9:30am for Kampala moving at a speed of 80k.

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(b) Calculate the distance the bus covered.

(02 marks)

(c) Express the departure time of the bus from Mbale in 24 hour clock.

(01 mark)

31 (a) Solve: 3(p+4) - 2(p-2) = 20

(03 marks)

(b) Subtract: 3m + 2 from 5m +4.

(02 marks)

32 Study the figure below carefully and use it to answer the questions that follow.



(a) Calculate the area of the square.

(02 marks)

(b) Calculate the area of the circle. (Take $\pi = \frac{22}{7}$)

(02 marks)

(c) Find the area of the shaded part.

(01mark)

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