4	Section A (1 1	arks)
	Workout: 203 x 2	2	Write "nine hundred two thousand forty" in figures.
	Today is Wednesday, what day of the week was it 67 days ago?	4	Find the next number in the sequence below. 43, 42, 39, 33, 23,
			out the latest the second to t
j	Solve: $\frac{3n}{3} - 1 = 5$	6	How many elements are in a set with 31 proper subsets?
	Expand 85.37 using exponents.		
3	Akulo bought a dozen of facemasks at sh. 5000. She later sold each facemask at sh.550. Calculate the profit she made.	9	Express 400cm ² as square metres.

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0	Change the evening time shown on the clock face below to 24 hour clock.	11	Work out: $3\frac{1}{4} \div 1\frac{3}{4}$
	$ \begin{array}{c cccc} \hline 10 & & & \\ \hline 9 & & & \\ 8 & & & 4 \end{array} $		
2	What value does 7 represent in the	13	If a number is chosen at random from
_	numeral 90743?		a set of numbers 1 to 10, what is the probability that a number chosen is a square number?
4	The bearing of town N from town M is 320° . What is the bearing of town M from N?	15	Given that: $b = 5d + 6$ and $d = 3$. Find the value of b .
	:	,	e e e e e e e e e e e e e e e e e e e
6	Using a pair of compasses, a ruler and 30°.	d a s	sharp pencil only, construct an angle o
			ŧ

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17	Samson stood in a straight line of boys on a health parade. He was the 9th from
	one side and the 16th from the other side. How many boys were on the parade?
-	
	· · · · · · · · · · · · · · · · · · ·
	a visit of the second leady takes 10 hours to slash the
18	Roselinda takes 15hours to slash a compound. Jacob takes 10hours to slash the same compound. How long will it take for the two workers to slash the same
	compound if they work together?
,	compound if they work together.
- 1	Fig. 1975 a no dubbe escalate Market escala compressorable e e e e
10	In a class of 43 pupils, 19 of them 20 Find the G.C.F of 48 and 54.
19	The second of the belief. It as expenses
	are boys and the rest are girls. Draw tallies to represent the number of
	girls in the class.
-	
. , .	landing to the construction of the contract of
	30°.
-	
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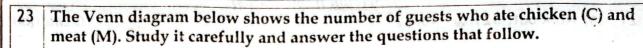
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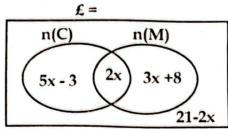
	Section B (60 Marks)	Personal Property of the Control of
	(a) Work out: 321 _{five} - 43 _{five}	(02marks)
2 1	(b) Given that $4nn_{five} = 314_{six}$. Find the value of n.	(03marks)
-		
•	3 bars of soap at sh. 3500 a bar. 750ml of cooking oil at sh.12000 per litre. 21 apples at sh. 1800 for every 3 apples. 2kg of sugar at sh.7000.	
	750ml of cooking oil at sh.12000 per litre. 21 apples at sh. 1800 for every 3 apples.	ems? (05marks)
	750ml of cooking oil at sh.12000 per litre. 21 apples at sh. 1800 for every 3 apples. 2kg of sugar at sh.7000.	
	750ml of cooking oil at sh.12000 per litre. 21 apples at sh. 1800 for every 3 apples. 2kg of sugar at sh.7000. (a) If he was given a 10% discount, how much did he pay for all the it	
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22	750ml of cooking oil at sh.12000 per litre. 21 apples at sh. 1800 for every 3 apples. 2kg of sugar at sh.7000. (a) If he was given a 10% discount, how much did he pay for all the it	

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(a) If 30 guests did not eat meat at all, find the value of x.

(03marks)

(b) Find the total number of guests who attended the party.

(02marks)

A motorist drove his car from 10:45am at an average speed of 36km/hr to 1:00pm.

(a) Calculate the distance he covered.

(03marks)

(b) If his car consumes 6 litres of diesel for every 18km and each litre costs sh.6200. How much will the whole journey cost him? (03marks)

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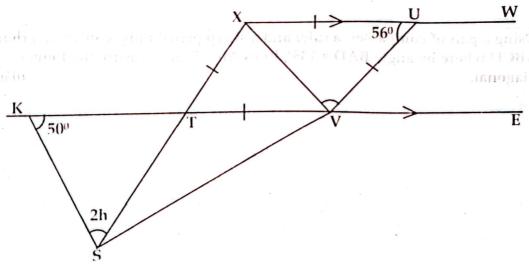
25 (a) Solve: $\frac{4}{5}(30 - 15k) = 3(k - 7)$.

(03marks)

(b) Solve the inequality and state the solution set for $22 \le 4x - 2 > 10$.

(03marks)

In the diagram below, line XW is parallel to line KE. Study it carefully and answer the questions that follow.



(a) Find the value of h.

(02marks)

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	(b) Find the size of angle XVE.	(03mark
	•	
7	o.1 o.	
	A trader banked money in centenary bank which offers $2\frac{1}{3}$ % interest	
-	year. If his account had an amount of sh.181400 after a period of 4	months, (04marks)
	calculate the money he banked.	(O4IIIII KS)
	tangan baka pada 1 jangka pada 1901 tahun kandan pada pada bahagan kanda bangan kanda bangan kanda bangan kand Bangan bangan banga	gordata est monsor
i		
	Using a pair of compasses a ruler and a sharp pensil only construct	
	Using a pair of compasses, a ruler and a sharp pencil only, construct ABCD where by angle BAD = 1350 lines AB = 7cm. Measure the lor	a rhombus
	ABCD where by angle BAD = 135° , lines AB = 7cm. Measure the lon	iger
	Using a pair of compasses, a ruler and a sharp pencil only, construct ABCD where by angle BAD = 135°, lines AB = 7cm. Measure the londiagonal.	a rhombus nger (05marks
	ABCD where by angle BAD = 135° , lines AB = 7cm. Measure the lon	iger
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	ABCD where by angle BAD = 135° , lines AB = 7cm. Measure the lon	iger

A box of guavas weighs 45kg. The empty box weighs 1.8kg. If each guava weighs 300gms, how many guavas are in the box altogether? (04marks) 30 Workout the area of the shaded part in the figure below. (05 marks) In a club, $\frac{1}{4}$ of the players play football, $\frac{1}{6}$ play Tennis, $\frac{4}{5}$ of the remainder play 31 volleyball and the rest play netball. (a) What fraction of the players play netball? (04 marks) (b) If 21 players play netball, how many players are in the club altogether?

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(01 marks)

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(b) Join points S to T, T to U, U to V, V to S. find the area of the geometric figure formed. (01 mark)



Hidden Tip For Excellence in Mathematics.

Practising and mastering basic mathematical concepts gives you a strong foundation to excel at Mathematics.

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