IM THE PRIME EXAMINATIONS 2024

P.7 SPECIAL EXAMINATIONS MATHEMATICS

Time	allowed	2 hours	30	minutes
Time	allowed	2 hours	30	minutes

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		PRIM	1E CODE
INDEX NO:	•	Р	
Candidate's Name:			
Candidate's Signature:		AIDEOS MITH EX	AINED LESSON (PERT TEACHERS
District ID No.:			PRIME LEARN APP

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- 1. Do not write your school or district name anywhere on this paper.
- 2. This paper has two sections: A and B Section A has 20 questions and section B has 12 questions. The paper has 9 printed pages.
- 3. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
- 4. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked.
- 5. No calculators are allowed in the examination room.
- 6. Unnecessary changes in your work and handwriting that cannot easily be read may lead to loss of marks.
- 7. Do not fill anything in the table indicated "For Examiners' use only", and those boxes inside the question paper.

	FOR EXAMINERS' USE ONLY				
	QUESTION NUMBER	MARKS ATTAINED	INITIALS		
	1 - 5				
	6 - 10				
	11 - 15				
	16 - 20				
	21 - 22	4	3/3/1/1		
	23 - 24				
	25 -26				
	27 - 28				
Ī	29 - 30				
	31 - 32				
T	TOTAL				

APPROVED: Consultant

Mathematics Department (PEC)

PUBLISHERS OF: -

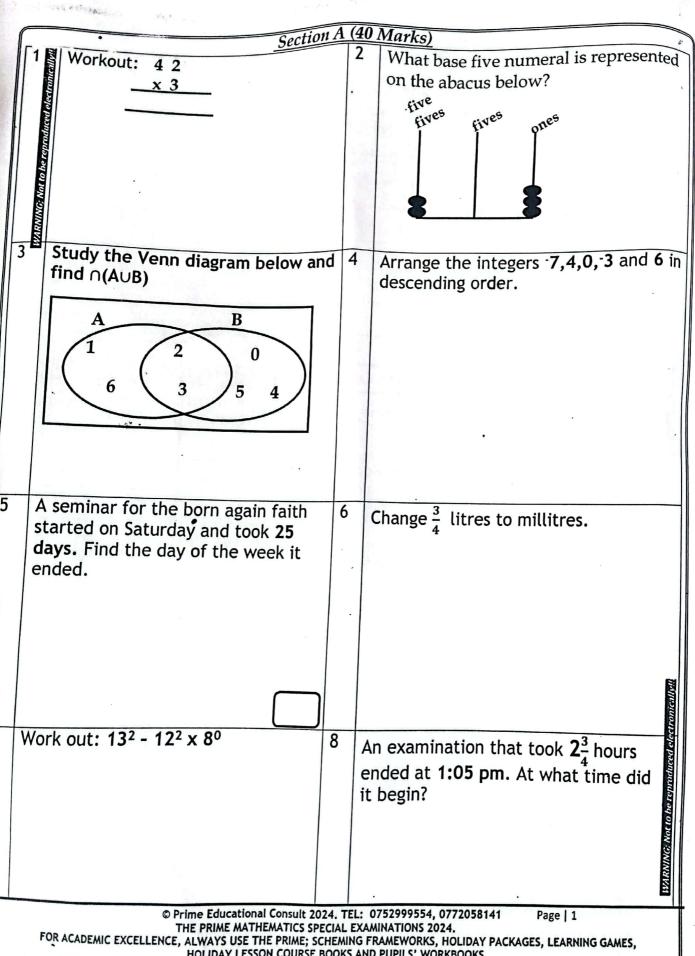
THE PRIME; SCHEMING FRAME WORKS, PUPILS' WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES, LEARNING GAMES AND MORE...

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0 5	Solve;3-p>4	10	Find the next number in the
The state of	20146,2.5.		sequence.
onic	1		26, 27, 35, 62,
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118	Kamoga had a bundle of fifty	12	Given that = 3 mangoes and
	thousand shilling notes numbered		
	consecutively from DJ 9155836 to		
	DJ 9155885. Find the amount of		$\int = 5$ apples. Find the total
	money Kamoga had.		number of fruits represented below.
	money Kainoga nad.		
	5.675		
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	i approximent of the stable of		Detailed of the Control of the Contr
	Arroladi (basadiki)		
		-41.7	divisible or not divisible by 9
13	Show whether the number 675 is exa	City	divisible of flot divisible by 7
			Λ - 1
			į.
14	Using a ruler and a pair of compasses	onl	v. construct an angle of 750
14	Osing a futer and a pair of compasses	, 0111	y, construct an angle of 750
			ctron
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	© Prime Educational Consult 2 THE PRIME MATHEMATICS SI		EL: 0752999554, 0772058141 Page 2
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	HOLIDAY LESSON COURSE	BOOK	S AND PUPILS' WORKBOOKS.

16	Find the average of 25, (3k+4) and 10
18	In the diagram below, find the size of angle QPR
	P 110° S
20	Use >,< or = to complete the statement below. $\frac{5}{6} - \frac{3}{4}$
on B (60 Marks)
	20

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(b) Work out: 14.2 - 36.8 + 32.46 (03 marks) 22 At a party attended by 100 guests, 60 ate Chicken (C), y ate Meat (M), 18 ate both meat and chicken while 6 ate other foods. (a) Use the information above to complete the Venn diagram below. (02 marks) $n(\mathcal{E})=100$ C 18 (b) How many guests ate meat only? (03 marks) In a certain school, pupils are divided into houses as follows; 168 pupils for Luwangula house, 240 for Muteesa house and 192 pupils for Agakhan house. Each house then groups pupils with equal number. (a) Find the largest number of pupils in each group. (03 marks)

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	(b) How many groups were formed by Muteesa house?	(02 marks)
	groups were formed by masses a flouse?	
	·	
200		
1421		
24	Vieli	
۳.	Kiplimo covered 800 metres in 96 seconds. Calculate his speed in	km/h.
	ineres in 50 seconos ediculate ins speed in	
187		(04 marks)
5	The interior angle of a regular polygon is 36° more than the ext	
	(a) How many sides has the polygon?	erior angle.
	ordes has the potygon!	(02 marks)
	· · · · · · · · · · · · · · · · · · ·	
1		
	(b) Calculate its interior angle sum.	
		(03 marks)
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HOLIDAY LESSON COLDES POOMS

Page | 5



719	A carton of Sall Contains 40 packets, Fach market woighs 500g	
26	A carton of salt contains 40 packets. Each packet weighs 500g. (a) Find the mass in kg of all the packets of salt in the carton.	40-
ronic	(a) Find the carton.	(02 marks)
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	(b) If the carton lasted a family 200 days. Find the number of days	a packet
	of salt lasted a family.	(02 marks)
	of salt tasted a ranney	
	Samadu is half his father's age. Eleven years ago, their total age v	vas 50
27	Samadu is half his father's age. Eleven years ago, enem	
	years.	(02 marks)
	(a) How old is Samadu now?	(02 /////////
		(03 marks)
	(b) How old was the father eleven years ago?	
		A
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		ARN
		巨
	Page 0	5
	THE PRIME MATTLE PRIME SCHEMING FRAMEWORKS, HOLIDAY	mile oranies)
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1	The table below shows the b		ates in a bank.
	Currency	Buying	Selling
lo par	USD dollar (\$) 1	Ush 3500	sh 3700
	Euro (€) 1	Ush 4020	sh 4300
thore	GBP (£) 1	Ush 4500	Sh 4700
Noteg	(a) Convert US\$ 860 to Ugano	da shillings	(02 marks)
WARNING NOV Cabo resistance observable	(b) Convert GBP 740 to US\$.	a ternity 200 days	(03 marks)
29	Two maids Imelda and Amina hours to clean the house whi (a) Find the time the two matogether.	lle imelda takes 2 hours	to do the same a const
	(b) If each maid is paid sh.500 two maids.	00 per hour, how much	money will be spent on the (02 marks)

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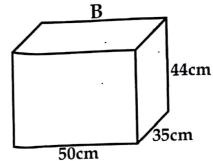
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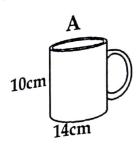
(a) Find the number of containers of size A that can fill the big container (B) (03 marks)

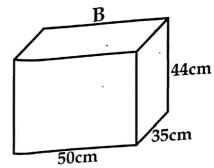
(b) If each small container was sold at sh.200 each. Find the total amount that would be collected. (02 marks)

31 The pie chart below shows how a woman spends her monthly salary.



30 Small containers of size (A) were used to fill a big container of size (B) with water. Study the diagrams below and answer the questions that follow.





(a) Find the number of containers of size A that can fill the big container (B) (03 marks)

(b) If each small container was sold at sh.200 each. Find the total amount that would be collected. (02 marks)

The pie chart below shows how a woman spends her monthly salary.



(page	(a) Find the value of d.	(02marks)
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	Market and the second of the s	uh a total
	(b) If she spends sh.45000 more on clothings than on food. Calculate amount of money the woman earns every month.	(04 marks)
	months of money the woman earns every month.	(04 marks)
e Cons		
32		
	Using a ruler and a pair of compasses only, construct a kite WXYZ sudiagonal \overline{WY} = 5cm, diagonal \overline{XZ} bisects \overline{WY} at point p. \overline{PX} = 3cm PZ = 6cm	m and (05 marks)
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