## THE PRIME MAGIC SET II EXAMINATIONS 2024

P.7 MATHEMATICS MARKING GUIDE

			SECTION	ON A (4	0 MARKS)		and the state of t
NO	SOLUTION	MA RKS	COMMEN T	NO	SOLUTION"	MAR KS	COMMEN T
1	÷ 4 = 11 = 11 x 4 = 44	M <sub>1</sub>	Follow through	2	Units 402 402 = CDIL	B <sub>2</sub>	Follow through
3	6p - 9 +3p - 5 = 6p + 3p - 9 - 5 = 9p - 14	B <sub>2</sub>	Follow through	4	Hr min 9: 15 + 6: 45 16 00 hr 1600hrs - 4:00pm	B <sub>1</sub>	Follow through
5	= {w, x, y, z, f, c}	B <sub>2</sub>	Follow through	6	53 x 1000 5300kg 5300 x 1000 5300000gm	B <sub>2</sub>	Follow through
7	{1, 2, 4, 7, 14, 28}	B <sub>2</sub>	Follow through	8	1250	B <sub>2</sub>	Follow through
9	11 - 18 11 + 18 = 27	M <sub>1</sub>	Follow through	10	T O _4 3 _4 0	B <sub>1</sub>	Follow through
11	$= £ \left( \frac{Ugsh.141000}{Ugsh.4700} \right) \\ = £30$	M <sub>1</sub>	Follow through	12	$24 \text{ eggs} = 2$ $1 \text{ egg} = \frac{2}{24}$ $60 \text{ eggs} = \frac{2}{24} \times 60$ $= \frac{12}{60}$ $= 5 \text{ eggs}$	B <sub>2</sub>	Follow through
13	= 27 + 9 ÷ 9 27 + 1 = <u>28</u>	M <sub>1</sub>	Follow through	14	$r + 50^{\circ} + 65^{\circ} = 180^{\circ}$ $r + 115^{\circ} = 180^{\circ}$ $r = 180^{\circ} - 115^{\circ}$ $r = 65^{\circ}$	B <sub>1</sub>	Follow through
15	= · 36 - 8 - 44°c	M <sub>1</sub>	Follow through	16		B <sub>1</sub>	Follow through
17	$= (100 + 8\frac{1}{3}) \% = 108 \frac{1}{3}\%$ $= 6300 \times \frac{325}{300}$ $= 6825 books$	,				M <sub>1</sub>	Follow through

THE PRIME MAGIC SET II MATHEMATICS MARKING GUIDE 2024 P

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	-2p>-12	1 7 7 2						through
-16	-2p < ·12		COMM			= 1	V	
	-2 -2		A CHAPTER	B CV				•
	p < 6						$A_1$	
19	1km = 1000m	M <sub>1</sub>	Follow 114	20	20			
1	$5m/s = \frac{5}{1000} km \div \frac{1}{3600} h$	1 1	through		sh.10000		$M_1$	Follow
		51		1 11 3	sh.500			through
	1 18		TUB - SA	STEEL STATE	1	.		
	$=\frac{\frac{1}{5}}{\frac{1000}{1000}}kmx\frac{\frac{18}{3600}}{1}h$	Aı	DUM ST.	1	<b>-</b> 20	\		
: 192	<b>3</b>				= <u>20 coins.</u>		A <sub>1</sub>	
			44.4		F -			
	= <u>18km/h</u>	unterfor .	and the second					
1	V-1170		SECTI	ON B (6	0 Marks)			
21				22	Face			
1	2w + 5 - 5 = 25 - 5		1	7 77	sh 250 x20   Sugar		Cooki	ing oil
	$\frac{2w}{2} = \frac{20^{10}}{2}$		MACCOUNT.		sh 5000   1750	5		$2400  x^{\frac{2}{3}}$
	2 2		Maria America		sh.7000		<b>≃480</b>	1
1/2	w = 10	34	•	1	sh. 875	<u>v</u> ' /		- <b>x</b>
	b) 2w + 3w - 4				Total , ha	lance		
	5w-4		No. of the last		233	<u>llance</u> 17000		
	5 x 10 - 4	re de c			1	17000 16150		
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	= <u>44 players.</u>		05		sh 16150			
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23	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$							
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26	Salar and the salar sala	·					M <sub>1</sub>	Follow
25	a) $\frac{1}{2} \times \pi D + D = 108cm$ $\frac{1}{2} \times \frac{22}{7} D + D = 108$ b) $A = \frac{1}{2} \times \pi r^2$							through
i di	$\frac{1}{2}X\frac{1}{7}D+$	D = 108	790 / J. A		$A = \frac{1}{2} \times \frac{22}{7} \times 21 \times \frac{21}{7}$	v 21 cm²	M <sub>1</sub>	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\frac{7}{2}x \frac{11D}{7} +$	D x7 = 108	3 x 7		-	\ & 2 \ U	A <sub>1</sub>	
	11D + 7D	$0 = 108 \times 7$	1177		$A = 693 \text{cm}^2$	•	Mı	
	$\frac{18D}{18} = \frac{75}{1}$	8		2 may 241 m			Aı	
	D = 42						05	2 4
	$R = \frac{42a}{2}$	<u>m</u>	yes and	141				
26	R = 21	<u>  CN1</u>			7 (3°3			
		Tom	Rem	Sam	T+S			: :
1	$\frac{3}{4}$	$\frac{2}{5} \times \frac{3}{4}$	$\frac{3}{4} \cdot \frac{6}{20}$	$\frac{\frac{2}{3}}{1}^{1} of \frac{\frac{4}{3}}{\frac{20}{10}}$	$\frac{6}{20} + \frac{3}{10}$			
	- 1 <del>(</del>	<u>6</u> 20	15-6 20	3 10	6+6			
	124	20	car in the "	- 10	12 3 20 5	• • •		1.
	- 15		9 20	24 28 E	<sup>20</sup> 5			* 15. <sub>1</sub>
-					$=\frac{3}{5}$			
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	b) Line TW =	9.2 <u>+</u> cm.				) her		ka ja
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