



**MATHEMATICAL LITERACY: PAPER I**

**EXAMINATION NUMBER**

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Time: 3 hours

150 marks

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**ANSWER BOOKLET**

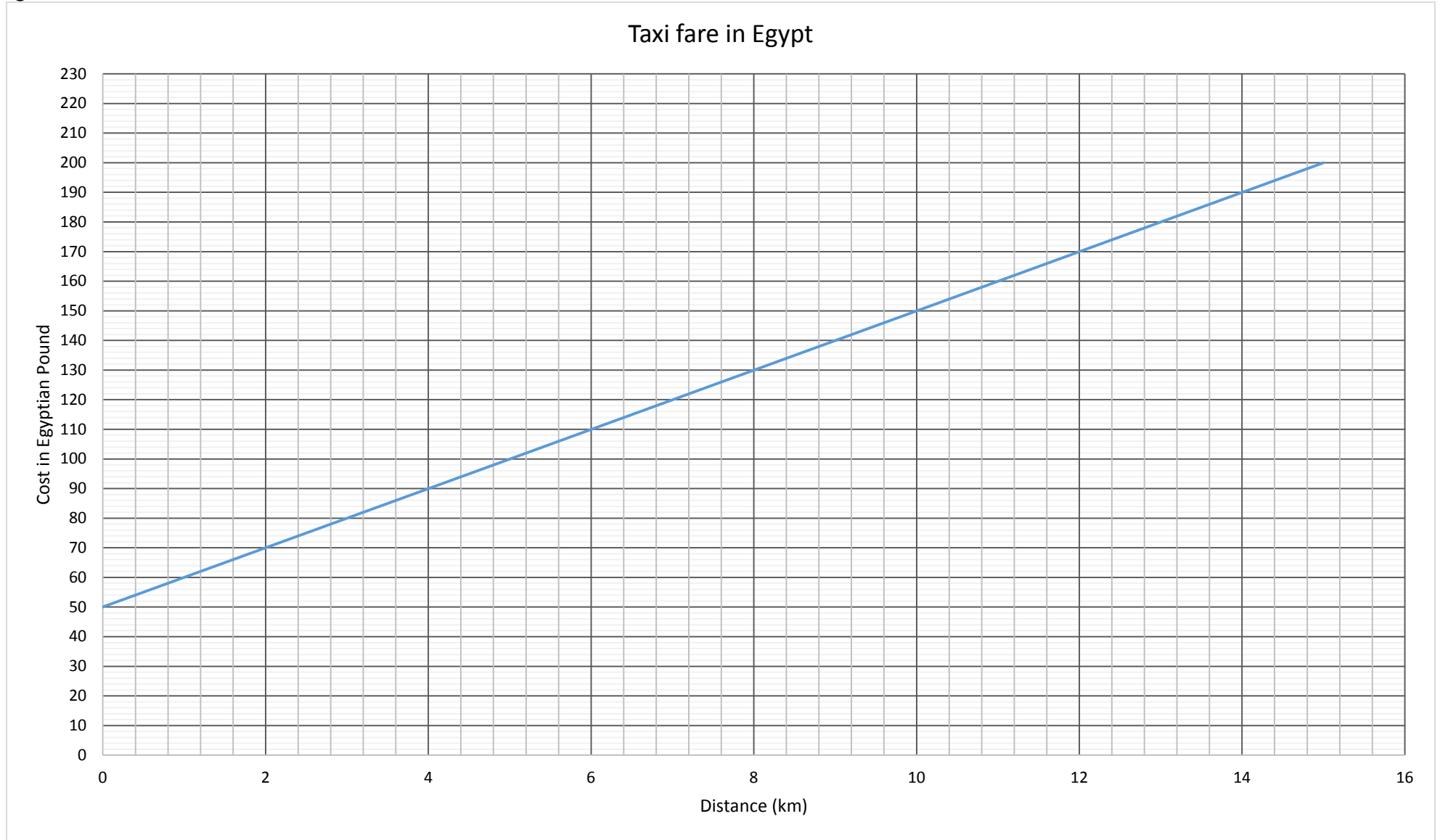
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**QUESTION 1.4.1**

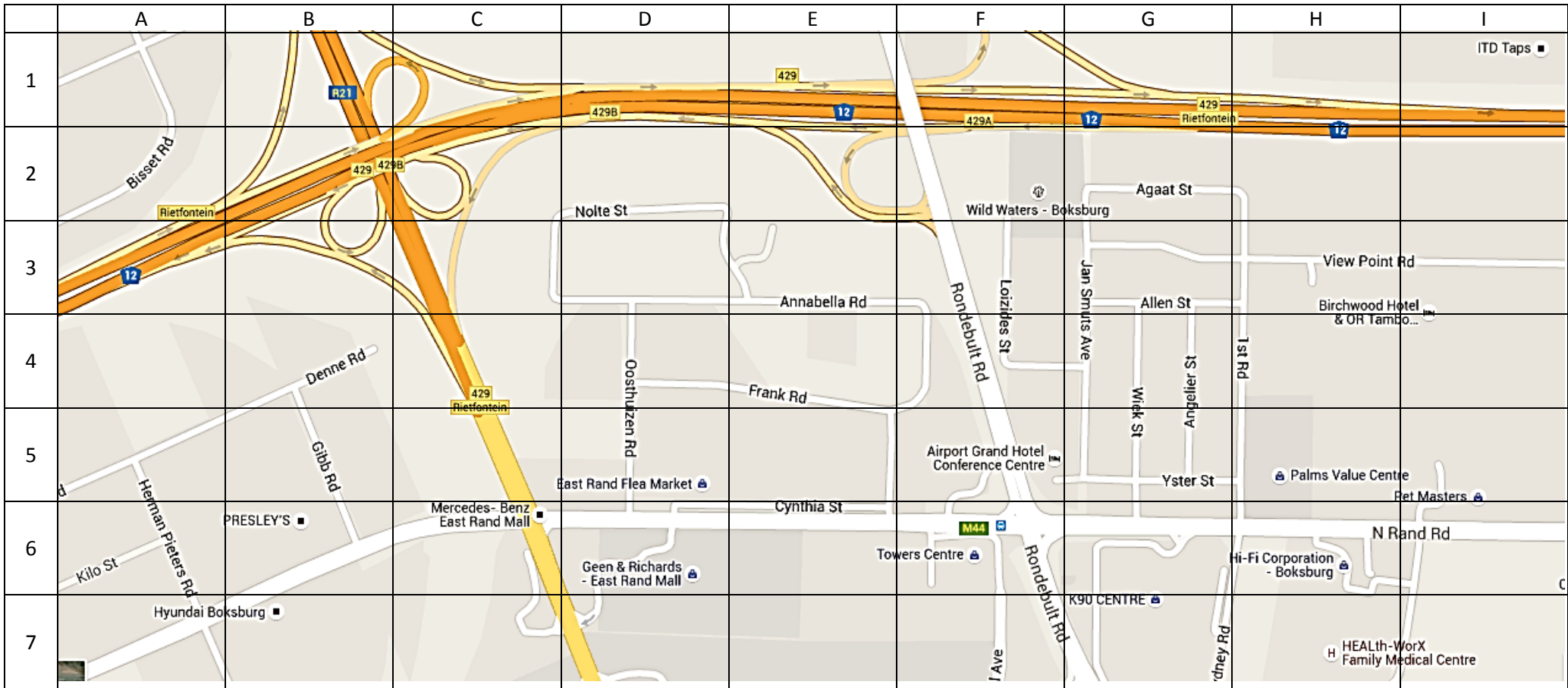
<b>Kilometres travelled</b>	0	5	10	15
<b>Taxi Egypt</b>	50	100	150	200
<b>Purple Cabs</b>	0		150	
<b>Maximum Taxis</b>	70			

(5)

**QUESTIONS 1.4.2 and 1.4.3**



**QUESTION 3.7.3**



**QUESTION 5.2.2**

<b>Municipality Tariff Structure</b>	
<b>Water Consumption</b>	
<b>Volume</b>	<b>Charge per kl</b>
$\leq 6 \text{ kl}$	R 0,00
$6 \text{ kl} < x \leq 15 \text{ kl}$	R 8,35
$15 \text{ kl} < x \leq 30 \text{ kl}$	R 10,16
$30 \text{ kl} < x \leq 45 \text{ kl}$	R 12,53
$45 \text{ kl} < x \leq 60 \text{ kl}$	R 12,98
$> 60 \text{ kl}$	R 14,34
<b>All tariffs exclude 14% VAT</b>	

<b>Volume Scale</b>	<b>Amount used</b>	<b>Charge per kl (excl. VAT)</b>	<b>Total</b>
$\leq 6 \text{ kl}$		R 0,00	
$6 \text{ kl} < x \leq 15 \text{ kl}$		R 8,35	
$15 \text{ kl} < x \leq 30 \text{ kl}$		R 10,16	
$30 \text{ kl} < x \leq 45 \text{ kl}$		R 12,53	
$45 \text{ kl} < x \leq 60 \text{ kl}$		R 12,98	
$> 60 \text{ kl}$		R 14,34	
<b>Subtotal</b>			
<b>14% VAT</b>			
<b>TOTAL</b>			

(11)