Practice Question Set For GCSE

Subject: Physics



Name of the Student:



lax. Marks : 21 Marks			Time : 21 Minutes	
Mark Schemes				
Q1.				
(a)	hydı	raulic	1	
(b)	9			
		allow 1 mark for a correct substitution, ie $\frac{1800}{200}$ provided no subsequent step	2	
(c)	an e	environmental	2	
(0)	Q		1 [4]	
Q2.				
(a)	time	correct order only	1	
	force		1	
(b)	The car tyres being badly worn		1	
(c)	(i)	braking distance increases with speed accept positive correlation do not accept stopping distance for braking distance	1	
		relevant further details, eg	1	
		but not in direct proportion		
		and increases more rapidly after 15 m/s accept any speed between 10 and 20 accept numerical example		
		• double the speed, braking distance increases × 4	1	
	(ii)	line drawn above existing line starting at the origin as speed increases braking distance must increase		

each speed must have a single braking distance

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