Question Number	Answer					Mark
15(a)*	This question assesses a student's ability to show a coherent and logically structured answer with linkages and fully-sustained reasoning. Marks are awarded for indicative content and for how the answer is structured and shows lines of reasoning. The following table shows how the marks should be awarded for indicative content and lines of reasoning.					
	IC points	IC mark	Max linkage mark available	Max final mark		
	6	4	2	6		
	5	3	2	5		
	4	3	1	4		
	3	2	1	3		
	2	2	0	2		
	1	1	0	1		
	0	0	0	0		
	Mark S					
	Answer shows a coherent and logical structure 2 withlinkages and fully sustained lines of reasoning demonstrated throughout.					
	Answer is partially structured with some linkages and lines of reasoning Indicative content:					
	 There is a (backward) force/friction on floor from wheels/car Newton's Third Law implies forward/opposite force from floor Compression/deformation of spring reduces (as car moves forward) (Resultant) force is proportional to compression/deformation of spring Or 					
	Reference to Hooke's law. 5. Acceleration is proportional to resultant force Or Reference to F = ma 6. Acceleration reduces (as distance travelled increases) Or					6
	Acceleration is zero once spring has returned to original state Accept "resultant force" for "acceleration" in IC6					