Question Number	Answer  This question assesses a student's ability to show a coherent and logically structured answer with linkages and fully-sustained reasoning.					Mark
*18						
	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		
	$\frac{3}{2}$	2 2	0	3 2		
	1	1	0	1		
	0	0	0	0		
	Marks					
	Answer shows a coherent and logical structure with linkages and fully sustained lines of reasoning demonstrated throughout  Answer is partially structured with some linkages and lines of 1					
	reasoning Answer has no linkages between points and is unstructured 0					
	Indicative content:					
	IC1 Balloon exerts a (backwards) force on the air					
	IC2 By N3 the air exerts an opposite (forwards) force on balloon					
	IC3 The forward force on the balloon is greater than resistive forces					
	IC4 By N2 the resultant force causes acceleration					
	IC5 As speed increases forces change until resistive force equals forward force					
	IC6 By N1 resultant force equals zero so acceleration equals zero (at maximum speed)					6
	Total for qu	oction 10				6