

Question number	Answer	Notes	Marks																													
1 (a)	one mark for each correct row;;;; <table><tr><th rowspan="2">Type of motion</th><th colspan="4">Graph</th></tr><tr><th>P</th><th>Q</th><th>R</th><th>S</th></tr><tr><td>constant acceleration</td><td></td><td></td><td>✓</td><td></td></tr><tr><td>increasing acceleration</td><td></td><td></td><td></td><td>✓</td></tr><tr><td>moving at constant velocity</td><td>✓</td><td></td><td></td><td></td></tr><tr><td>stationary</td><td></td><td>✓</td><td></td><td></td></tr></table> reject mark for row if more than one tick seen	Type of motion	Graph				P	Q	R	S	constant acceleration			✓		increasing acceleration				✓	moving at constant velocity	✓				stationary		✓				4
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constant acceleration			✓																													
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(b)	area (under the line) / eq;		1																													

Total for Question 1 = 5 marks