

Question number	Answer	Notes	Marks
3	<p>any three from:</p> <p>MP1. reaction time of driver (including comment on drink / drugs / driver paying attention / driver distracted / driver tired);</p> <p>MP2. condition of car's brakes / force applied to brakes;</p> <p>MP3. condition of car's tyres;</p> <p>MP4. condition of road surface (including ice / water / mud / friction ideas);</p> <p>MP5. visibility factor (e.g. fog / dirty windscreen);</p> <p>MP6. speed of car;</p> <p>MP7. mass of car;</p> <p>MP8. kinetic energy of car;</p> <p>MP9. momentum of car;</p>	<p>allow 'thinking distance'</p> <p>allow 'braking distance' in the absence of MP2, MP3 and MP4</p>	3

Total for question = 3 marks