9   Software Engineering (RJA)

Google have spent several years developing self-driving cars which rely on a range of sensors and stored data and are now claimed to have covered hundreds of thousands of miles with a good safety record.

A Google executive has now asked to meet the Transport Secretary, who has in turn asked your company for advice. What sort of safety case should the government demand from vendors and service providers if autonomous vehicles are to be allowed on Britain's roads?   [20 marks]