2001 Paper 2 Question 8

Software Engineering I

(*a*) State the advantages and disadvantages of the evolutionary model of software development. [8 marks]

(*b*) Is it more, or less, suitable than the waterfall model for safety-critical projects? Justify your answer. [8 marks]

(*c*) If you were managing the evolution of a safety-critical product, what special steps would you take for risk reduction or due diligence reasons? [4 marks]