

## 2008 Paper 12 Question 11

### Software Engineering and Design

The term “business-critical” is sometimes used, by analogy to “safety-critical”, to describe a system in which software failure could lead to failure of the whole business. If this analogy were to be taken seriously, many of the design precautions used for safety-critical software could also be used in the design of business-critical software.

Describe *five* different aspects of the analysis and design process that are specific to safety-critical software, and for each of these, explain how they might be adapted to business-critical software. [4 marks each]