

COMPUTER SCIENCE TRIPOS Part IA – 2017 – Paper 2

6 Software and Security Engineering (RJA)

- (a) Explain the difference between redundancy, backup and fallback. [4 marks]
- (b) Give an example of a failure that cannot be mitigated by backup. [4 marks]
- (c) Give two examples of systems where managing redundancy is easy, and two where it is hard. [8 marks]
- (d) Can you suggest one or more general principles for distinguishing the cases in part (c) above? [4 marks]