

3 Economics, Law and Ethics (ah793)

- (a) You incorporate existing open source code into a program you are writing. What intellectual property aspects will you need to consider? [4 marks]
- (b) What are the economic arguments for and against making code you write open source? [6 marks]
- (c) You are approached by someone who claims to have identified a vulnerability in your popular software application. They demand you make them a payment, otherwise they will release the vulnerability publicly. The vulnerability is fixable and has not (yet) been exploited, however it would likely generate adverse publicity. What is the ethical approach to take? [5 marks]
- (d) You are approached by someone who claims to have identified a vulnerability in your corporate servers and breached your customer database. They demand you make them a payment, otherwise they will release the personal information. Your logs confirm the database has been breached. What is the lawful approach to take? [5 marks]