



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2016/2017**

TERBUKA

COURSE NAME : PROFESSIONAL ETHICS IN
INFORMATION TECHNOLOGY

COURSE CODE : DAT 21502

PROGRAMME CODE : DAT

EXAMINATION DATE : DECEMBER 2016/ JANUARY 2017

DURATION : 2 HOURS

INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF **FOUR (4)** PAGES

- Q1** (a) Define the following terms:
- (i) Ethics
 - (ii) Ethics in computing
- (5 marks)
- (b) Discuss **TWO (2)** reasons why ethics and law are needed in computing.
- (8 marks)
- (c) Plagiarism is an ethical issue because it results in someone claiming another person's work as their own without proper citation. It violates the author and his or her right for publication of their work.
- (i) Point out **TWO (2)** ways you can avoid plagiarism.
- (4 marks)
- (ii) Prepare **FOUR (4)** common forms of plagiarism.
- (8 marks)
- Q2** (a) Computer security often being related with threats and attacks encountered by users and the measurement that needed to be taken into consideration to protect the network.
- (i) State the difference between threats and attacks.
- (5 marks)
- (ii) Give **EIGHT (8)** examples of threats and attacks to computer security.
- (8 marks)
- (b) Based on **Figure Q2(b)**, who is the biggest threat to the organization. Give **ONE (1)** reason to support your answer.
- (4 marks)
- (c) Malware is one of the more common ways to infiltrate or damage your computer. Prepare **FOUR (4)** damages it can do to your computer.
- (8 marks)
- Q3** (a) State **FIVE (5)** ways we can accommodate ethics in daily usage of the technology.
- (5 marks)
- (b) Recommend **TWO (2)** computer security measures that need to be taken by the authorities or public to counter the threat of online child pornographic scheme.
- (8 marks)

- (c) Highlight **FOUR (4)** ways how cyber ethics can be applied to control cyber-bullying. (4 marks)
- (d) Distinguish the difference between spamming, virus, trojan horse, and phishing in term of its distribution in computer networks. (8 marks)
- Q4** (a) Explain **TWO (2)** types of intellectual property. (5 marks)
- (b) Discuss **FOUR (4)** Professional Codes. (8 marks)
- (c) Report on the importance of Computer Crime Act 1997. (4 marks)
- (d) Distributed denial of service (DDOS) is a type of attack where multiple compromised systems, which are often infected with a Trojan, are used to target a single system. Explain in sequence how does DDOS attack happen in distributed computing system. (8 marks)

-END OF QUESTIONS -

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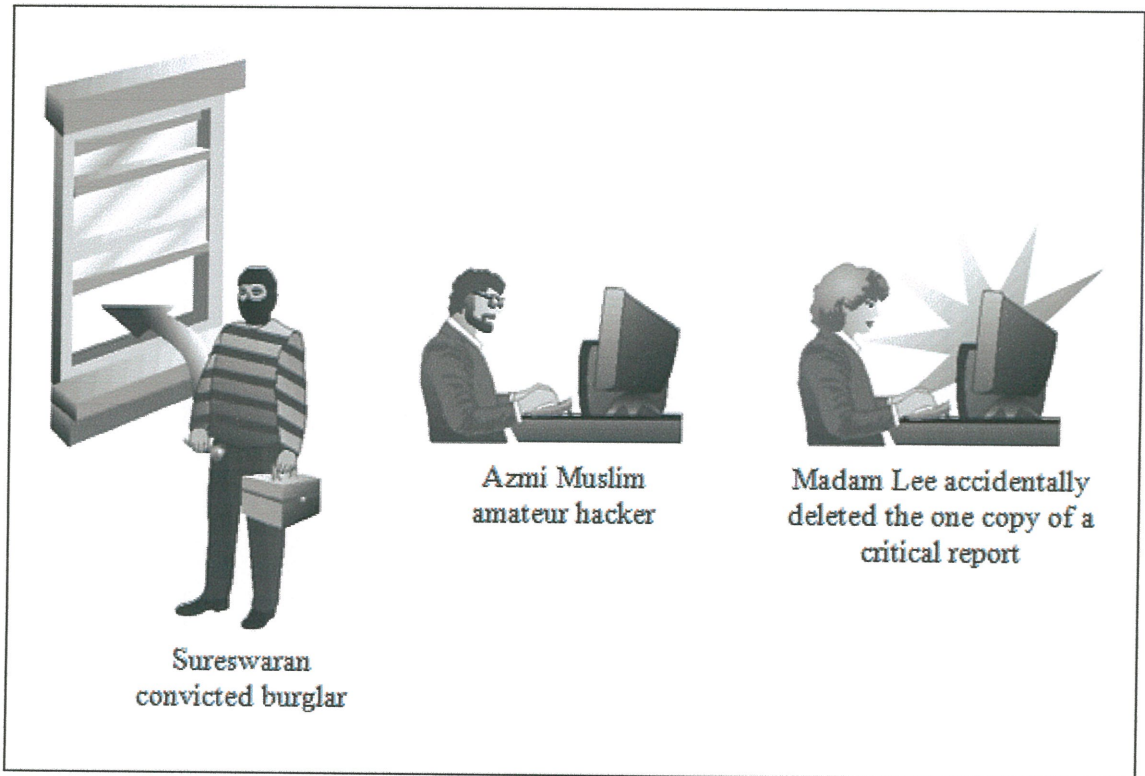


Figure Q2(b)

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