



UTHM

Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION SEMESTER III SESI 2017/2018

COURSE NAME : PROFESSIONAL ETHICS IN
INFORMATION TECHNOLOGY

COURSE CODE : DAT 21502

PROGRAMME CODE : DAT

EXAMINATION DATE : AUGUST 2018

DURATION : 2 HOURS

INSTRUCTION : **SECTION A : ANSWER ALL**
SECTION B : ANSWER TWO
(2) QUESTIONS

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THIS QUESTION PAPER CONSISTS OF **THREE (3) PAGES**

SECTION A

Q1 Define the following terms.

- (a) Computer Ethics. (2 marks)
- (b) Software piracy. (2 marks)
- (c) Phising. (2 marks)
- (d) Plagiarism. (2 marks)
- (e) Hacktivism. (2 marks)
- (f) Cyberbullying. (2 marks)
- (g) Trademark. (2 marks)
- (h) Trade secret. (2 marks)
- (i) Botnet. (2 marks)
- (j) Hacker. (2 marks)

- Q2**
- (a) Define malicious cyber activities. (4 marks)
 - (b) State **SIX (6)** impact of malicious cyber activities. (6 marks)
 - (c) Explain how malicious cyber activity affecting financial markets. (10 marks)

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SECTION B

- Q3** (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) Distinguish between threats and attacks. (2 marks)
- (ii) List down **FIVE (5)** examples of threats and attacks to computer security. (10 marks)
- (b) Distinguish the difference between spamming, virus, Trojan horse and phishing in term of its distribution in computer networks. (12 marks)
- (c) To counter the threat of online child pornographic scheme, recommend **TWO (2)** computer security measures that need to be undertaken by the authorities or public. (6 marks)
- Q4** (a) Describe **TWO (2)** two categories of intellectual property. (4 marks)
- (b) State what kinds of inventions can be protected. (6 marks)
- (c) Classify between a geographical indication and a trademark with example? (12 marks)
- (d) Discuss why the owner must protect intellectual property. (8 marks)
- Q5** (a) 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 happens in distributed computing system. (10 marks)
- (b) Discuss the importance of Computer Crime Act 1997 with examples. (12 marks)
- (c) Discuss **FOUR (4)** Professional Code with examples. (8 marks)

-END OF QUESTIONS -

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