



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

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

COURSE NAME : PROFESSIONAL ETHICS IN
INFORMATION TECHNOLOGY

COURSE CODE : DAT21502

PROGRAMME : 2 DAT

EXAMINATION DATE : AUGUST 2017

DURATION : 2 HOURS

INSTRUCTION : A) ANSWER ALL QUESTIONS
B) CHOOSE ONE (1) QUESTION
ONLY

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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) Classify between computer abuse and computer crime. (4 marks)
 - (b) Explain with examples **FOUR (4)** types of computer abuse. (8 marks)
 - (c) Explain with examples **FOUR (4)** types of computer crime. (8 marks)

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- Q3** (a) Describe **FIVE (5)** common ethical principles related to the gathering of personal information. (5 marks)
- (b) Describe **FIVE (5)** major forms of malicious code. (5 marks)
- (c) Classify between flaming and spamming. (4 marks)
- (d) Interpret intellectual property, real property and personal property. (6 marks)
- Q4** Interpret with examples **TEN (10)** commandments of ethics. (20 marks)

SECTION B

- Q5** A huge attack in May 2017 spread around the world and hit more than 300,000 machines in over 150 companies was blamed on ransomware named as “WannaCry” that reported to be facing loss of 18 Million Dollars. Ransomware attack encrypted all the data in the machine and demanded for some amount to be paid by the victim to restore the data. This is one of the major cybercrime that are widely spread nowadays.
- Discuss **FIVE (5)** ways on how to protect from cyber attack. (20 marks)
- Q6** A **denial of service** (DoS) normally comes about when individual IT infrastructure components are overloaded.
- Discuss **FOUR (4)** security measures on how to stop IT systems being overloaded by DoS attacks. (20 marks)

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-END OF QUESTIONS -