



**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
SEMESTER I  
SESSION 2022/2023**

COURSE NAME : PROFESSIONAL ETHICS IN  
INFORMATION TECHNOLOGY

COURSE CODE : DAT 21502

PROGRAMME CODE : DAG

EXAMINATION DATE : FEBRUARY 2023

DURATION : 2 HOURS

INSTRUCTION : 1. ANSWER ALL QUESTIONS IN  
SECTION A AND **TWO (2)**  
QUESTIONS IN SECTION B.  
2. THIS FINAL EXAMINATION IS  
CONDUCTED VIA **CLOSED  
BOOK.**  
3. STUDENTS ARE **PROHIBITED**  
TO CONSULT THEIR OWN  
MATERIAL OR ANY EXTERNAL  
RESOURCES DURING THE  
EXAMINATION CONDUCTED  
VIA CLOSED BOOK.

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

**TERBUKA**

**CONFIDENTIAL**

**SECTION A (40 MARKS)**

- Q1** (a) Describe about computer ethics. (4 marks)
- (b) Describe **THREE (3)** differences between ethics and laws in information technology field. (6 marks)
- (c) Explain **FIVE (5)** importance of computer ethics. (10 marks)
- Q2** (a) Define ethical hacking. (4 marks)
- (b) Describe **THREE (3)** categories of hacking/hackers. (6 marks)
- (c) Explain the process of hacking a network in an ethical way. (10 marks)

**TERBUKA**

**SECTION B (60 MARKS)**

- Q3** (a) State computer security's levels of assurances. (4 marks)
- (b) Explain **FOUR (4)** threats to computer security. (8 marks)
- (c) Differentiate between virus, spamming, trojan horse and phishing in terms of definition, how they work, and example. (12 marks)
- (d) State **THREE (3)** importance of internet censorship. (6 marks)
- Q4** (a) Explain in sequence how does Distributed Denial of Service (DDOS) attack happens in a distributed computing system. (10 marks)
- (b) Describe **FOUR (4)** offenses contained of the Computer Crime Act 1997. (8 marks)
- (c) State the professional code of **FOUR (4)** professions. (4 marks)
- (d) Explain each professional code you listed in **Q4 (c)** above with examples. (8 marks)
- Q5** (a) Describe **TWO (2)** categories of Intellectual Property (IP). (4 marks)
- (b) Determine **THREE (3)** kinds of inventions that can be protected based on Malaysian Intellectual Property Corporation (MyIPO). (6 marks)
- (c) Differentiate between a geographical indication and a trademark. (10 marks)
- (d) Fazrul Concept Sdn. Bhd launched its new kitchen concept named "Apple Tree" which is mainly from stainless steel. The kitchen looks like a tree with two large fruits. The two fruits incorporate a small collection of products in the form of a small fridge and closets on one branch and a LCD screen, electric cooker and microwave oven. The sink, tap and table board are fitted on its top. The brand and the concept became well-known in Malaysia.
- Discuss why the owner must register for IP. (10 marks)

**- END OF QUESTIONS -**