UTHM
Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION
SEMESTER I
SESSION 2022/2023

COURSE NAME	:	INTRODUCTION TO INFORMATION TECHNOLOGY
COURSE CODE	:	DAT 10503
PROGRAMME CODE	:	DAT
EXAMINATION DATE	:	FEBRUARY 2023
DURATION	:	2 HOURS 30 MINUTES
INSTRUCTIONS	:	1. ANSWER ALL QUESTIONS IN SECTION A & **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

PART A

Q1   (a)   Define what is mobile technology.

(2 marks)

     (b)   Explain **FOUR (4)** types of mobile operating systems.

(12 marks)

     (c)   List **THREE (3)** advantages and disadvantages of mobile technology.

(6 marks)

Q2   (a)   Define what is virtual technology.

(2 marks)

     (b)   List **THREE (3)** example of virtual technology.

(6 marks)

     (c)   Explain the differences between Augmented Reality (AR) and Virtual Reality (VR).

(12 marks)

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PART B

Q3 (a) Describe about Internet of Things (IOT).

(2 marks)

      (b) Classify **THREE (3)** important of Big Data.

(6 marks)

      (c) Determine **FOUR (4)** categories of Embedded System.

(10 marks)

      (d) Discuss a positive and negative impact of technology to society.

(12 marks)

Q4 (a) Define **THREE (3)** types of cyber threats with an example.

(9 marks)

      (b) Determine **FOUR (4)** impact of Information Technology.

(12 marks)

      (c) Differentiate between spyware, adware, and spam with an example.

(9 marks)

Q5 (a) Describe about Management Information Systems.

(2 marks)

      (b) Classify **THREE (3)** activities of information systems produce information organizations need.

(6 marks)

      (c) Determine **SIX (6)** strategic business objectives in information systems with an example.

(12 marks)

      (d) Explain technical approach and behavioral approaches in Management Information System.

(10 marks)

-END OF QUESTIONS-

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