



**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

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

**COURSE NAME** : INTRODUCTION TO COMPUTER

**COURSE CODE** : DAG 11102

**PROGRAMME CODE** : DAG

**EXAMINATION DATE** : FEBRUARY 2023

**DURATION** : 2 HOURS

**INSTRUCTIONS** :

1. ANSWER ALL QUESTIONS
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**

**Q1** The current world development in computer networks is very rapid and exciting. It affects universal communication.

(a) Describe of the computer network. (4 marks)

(b) List **THREE (3)** types of network. (3 marks)

(c) Define **THREE (3)** types of network. (6 marks)

(d) Explain **FOUR (4)** wireless transmissions media and give an example for each to communicate a people. (12 marks)

**Q2** Mobile operating systems are growing rapidly and advanced. Various sectors of life such as education, finance, logistics management use mobile operating systems.

(a) Describe a functions of mobile operating system. (3 marks)

(b) Explain **TWO (2)** types of mobile operating system. (6 marks)

(c) Classify **TWO (2)** of mobile applications development with an example. (8 marks)

(d) Discuss **TWO (2)** advantages and disadvantages of mobile technology for management. (8 marks)

**TERBUKA**

- Q3** Virtual technology, augmented reality and mixed reality are the latest technologies widely used in entertainment, education and business. It has a positive impact on people lives.
- (a) Explain **THREE (3)** elements of virtual technology. (9 marks)
  - (b) Classify **FOUR (4)** types of applications in mixed reality with example. (10 marks)
  - (c) Discuss differences between virtual reality and augmented reality with an example. (6 marks)
- Q4** Today's world is completely involved with the Internet of things, big data and computer ethics. This is because it has the value of togetherness in improving the standard of living of the community as well as facilitating the management of community life.
- (a) Describe of Internet of Things (IOT) with an example. (2 marks)
  - (b) Explain with suitable examples **THREE (3)** main elements of Big Data. (6 marks)
  - (c) Classify **FOUR (4)** types of cyber crimes. (8 marks)
  - (d) The problem of ethical violations of computer use often occurs in society. Discuss **THREE (3)** computer ethics that must be followed. (9 marks)

**-END OF QUESTIONS -**

**TERBUKA**