UNIVERSITY COLLEGE
TATI

UNIVERSITY COLLEGE TATI (UC TATI)

FINAL EXAMINATION QUESTION BOOKLET	
COURSE CODE	: DNT 1033
COURSE	: INTRODUCTION TO COMPUTER TECHNOLOGY
SEMESTER/SESSION	: 1 – 2024/2025
DURATION	: 3 HOURS

Instructions:

1. This booklet contains 5 questions. Answer **ALL** questions.

2. All answers should be written in answer booklet.

3. Write legibly and draw sketches wherever required.

4. If in doubt, raise your hands and ask the invigilator.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

THIS BOOKLET CONTAINS 4 PRINTED PAGES INCLUDING COVER PAGE

INTRODUCTION TO COMPUTER TECHNOLOGY (DNT 1033)

QUESTION 1

a) Define about information computer (IT).   (2 marks)

b) Describe **THREE (3)** components of a computer.   (6 marks)

c) State **THREE (3)** advantages of using computers in education.   (3 marks)

d) List **THREE (3)** examples of mobile computers.   (3 marks)

e) Web browser allows users to access web pages. Give **THREE (3)** examples of
   web browser.   (3 marks)

f) Explain **FOUR (4)** criteria for evaluating a web site's content.   (8 marks)

QUESTION 2

a) Give **THREE (3)** steps to develop web pages.   (3 marks)

b) Describe **TWO (2)** examples of business software application.   (4 marks)

c) State **THREE (3)** importance of application software that designed to assist with
   personal tasks.   (3 marks)

d) List **THREE (3)** uses of an email program for job application.   (3 marks)

e) Identify **TWO (2)** differences between shareware and freeware application. (4 marks)

QUESTION 3

a) Give **TWO (2)** types of processors.   (2 marks)

b) State **THREE (3)** examples of adapter card.   (3 marks)
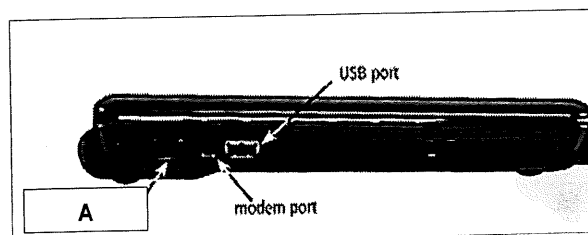
c) Based on figure 1.1, answers question (i) and (ii).

Figure 1. 1. Notebook computer

(i)   State the answer of **A**.   (1 mark)

(ii)   With your answer given (i), describes **TWO (2)** uses of it.   (4 marks)

d) Explain **TWO (2)** examples of pointing devices.   (4 marks)

QUESTION 4

a) Define Radio Frequency Identification (RFID).   (2 marks)

b) State **FOUR (4)** functions of RFID.   (4 marks)

c) Give **FOUR (4)** specific examples of biometric systems technologies.

d) Give **THREE (3)** examples of output devices.   (4 marks)

e) List **THREE (3)** characteristics of a hard disk.   (4 marks)

f) Justify **FOUR (4)** guidelines for maintaining a CD collection to ensure its   (6 marks)
    longevity and usability over time.   (8 marks)

QUESTION 5

a) State **THREE (3)** types of optical disks.   (3 marks)

b) Booting is the process of starting and restarting a computer. Explain **TWO (2)**   (4 marks)
    types of booting.

c) List **THREE (3)** categories of operating systems.   (3 marks)

d) Scenario below show how a virus affected Ali's computer.

> Ali receives an email from an unknown sender with the subject line "Urgent: Update Your Software". The email contains an attachment named "Important_Update.exe" and without thinking twice, Ali downloads and runs the attachment and him notices that his laptop is running slower than usual. Unknown to Ali, the attachment he downloaded contained a worm virus. Once executed, the worm silently begins copying itself in the system's memory and starts spreading to other computers connected to the same network.

INTRODUCTION TO COMPUTER TECHNOLOGY (DNT 1033)

(i)   Within the context or issues, give **THREE (3)** impacts of virus towards   (3 marks)
      Ali's computer.

(ii) Based on your opinion, state **THREE (3)** importance of antivirus   (3 marks)
      programs.

---END OF QUESTIONS---