



## UNIVERSITY COLLEGE TATI (UCTATI)

## FINAL EXAMINATION QUESTION BOOKLET

COURSE CODE	: DNT 1033
COURSE	: INTRODUCTION TO COMPUTER TECHNOLOGY
SEMESTER/SESSION	: 1 2023/2024
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 up your hands and ask the invigilator.

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

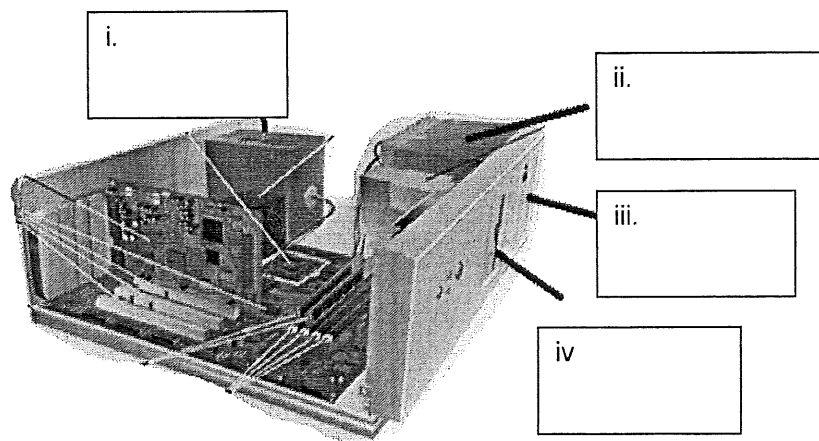
**THIS BOOKLET CONTAINS 5 PRINTED PAGES INCLUDING COVER PAGE**

**QUESTION 1**

- a) Give **FIVE (5)** types of Microsoft products. (5 marks)
- b) Application software is computer software designed to perform a group of coordinated functions, tasks, or activities for the benefit of the user. List out **THREE (3)** of common features available in application software. (3 marks)
- c) Describe Public Domain Software. (2 marks)
- d) Explain **THREE (3)** benefits of Web-related features available in word processing. (6 marks)
- e) Describe the following business software : (4 marks)
- i) Database.
  - ii) Note taking Software.

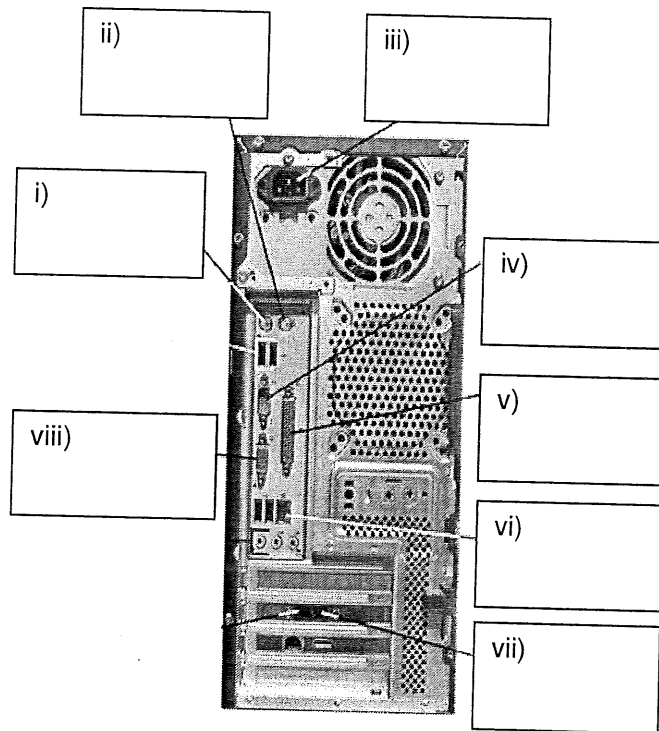
**QUESTION 2**

- a) Refer to Figure 1; label **FOUR (4)** computer components below (4 marks)



**Figure 1: Computer component**

- b) Describe the difference between RAM and ROM. (4 marks)
- c) Motherboard is an important component in computer. Describe the function of motherboard. (2 marks)
- d) Describe function of port. (2 marks)
- e) Labels **EIGHT (8)** the given ports related to the **Figure 2** below. (8 marks)



**Figure 2**

**QUESTION 3**

- a) Define a pointing device. (2 marks)
- b) Video games and computer games use a game controller as the input device that directs movements and actions of on-screen objects. List **FOUR (4)** game controllers. (4 marks)
- c) Describe **FIVE (5)** benefits of user can utilize from Web cam. (10 marks)
- d) RFID (radio frequency identification) uses radio signals to communicate with a tag placed in or attached to an object. List **FOUR (4)** benefits of RFID. (4 marks)

**QUESTION 4**

- a) Describe **TWO (2)** differences between Primary Storage and Secondary Storage. (4 marks)
- b) List **FIVE (5)** types of secondary storage. (5 marks)
- c) Applications that would have required installation on your computer to run have moved to the web and it called as cloud storage. List **THREE (3)** types of cloud storage. (3 marks)
- d) Discuss solid-state storage including solid-state drives, flash memory, and USB drives. (8 marks)

**QUESTION 5**

- a) An operating system (OS) is system software that manages computer hardware and software resources and provides common services for computer programs. List **FOUR (4)** function of an operating system. (4 marks)
- b) System software is a type of computer program that is designed to run a computer's hardware and application programs. List **FOUR (4)** types of programs in system software. (4 marks)
- c) A utility is a program that performs a certain single function or a set of functions in a sense is a supporting program. Describe **THREE (3)** functions of utility programs. (6 marks)
- d) Explain the function of utility below : (6 marks)
- i) Disk defragmenter.
  - ii) Backup.
  - iii) Restore.

-----End of question-----

