

**UNIVERSITY COLLEGE TATI (UCTATI)****FINAL EXAMINATION QUESTION BOOKLET**

COURSE CODE	: DCT 1053
COURSE	: INTRODUCTION TO OPERATING SYSTEM
SEMESTER/SESSION	: 2 - 2022/2023
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 PAGE INCLUDING COVER PAGE

QUESTION 1

- a) Explain the function of the Operating System. (2 marks)
- b) Define **FOUR (4)** samples of Operating system. (4 marks)
- c) The kernel is the essential foundation of a computer's Operating System. Draw and describe the kernel system. (4 marks)
- d) Clarify method and the association involved in **the process management** in the Operating System. (7 marks)

QUESTION 2

- a) User interface is an essential requirements for communication on a device, webpage, or app. Justify the purpose of the **User Interface** in the Operating System. (2 marks)
- b) State **THREE (3)** characteristics in Graphical User Interface (GUI). (3 marks)
- c) File management in Operating System makes the process of file handling among different users become easy and friendly. Express about file management and provide process task on **the file management** concept. (8 marks)
- d) Define **THREE (3)** advantages of file management in Operating System. (6 marks)

QUESTION 3

- a) Express the role and command for the MS-DOS application. (4 marks)
- b) Explain **FOUR (4)** important of MS-DOS in use other than Operating System today. (4 marks)
- c) Give the first and the latest edition of the MS-DOS. (2 marks)
- d) List **FOUR (4)** DOS error messages. (4 marks)
- e) Fulfill in the table 1 below to liberal the action to be perform on each command. (8 marks)

Table 1

Command	Action to be performed
▪ DIR	i) _____
▪ CD or CHDIR	ii) _____
▪ EDIT	iii) _____
▪ COPY	iv) _____
▪ XCOPY	v) _____
▪ COPY (or XCOPY) plus DEL	vi) _____
▪ DEL or ERASE	vii) _____
▪ DELTREE	viii) _____

QUESTION 4

- a) Explain the objective of Windows as the used of OS diversities nowadays. (4 marks)
- b) Briefly discuss how Windows 7 appeared. (6 marks)
- c) Give **THREE (3)** classes of users account in Windows 7. (3 marks)
- d) Explain about patches and the significant of patches in windows setting. (4 marks)
- e) Discuss **THREE (3)** features on the Windows 11 operating system. (6 marks)

QUESTION 5

- a) One of the most popular Operating System platforms is powered by the Linux operating system. Classify Linux Operating System in detail. (4 marks)
- b) List **THREE (3)** samples of the Linux operating system. (3 marks)
- c) Identify **TWO (2)** advantages of using LINUX parallel to another Operating System. (4 marks)
- d) Mac OS is a Unix operating system developed and marketed by Apple Inc. since 2001. Write your review about MAC OS. (4 marks)
- e) Give **TWO (2)** benefits of using MAC OS system. (4 marks)

----- **END OF QUESTIONS** -----