

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

COURSE CODE	: DCT1143
COURSE	: INFORMATION TECHNOLOGY AND SYSTEM
SEMESTER/SESSION	: 2-2024/2025
DURATION	: 3 HOURS

Instructions:

1. This booklet contains **FIVE (5)** questions. Answer **ALL** questions.
2. All theory answers should be written in the answer booklet provided.
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

QUESTION 1

- a) Explain about computer. (2 marks)
- b) Describe Internet. (2 marks)
- c) Give **THREE (3)** examples of wired media and **THREE (3)** wireless media. (6 marks)
- d) State **FOUR (4)** categories of users in Enterprise Computing. (4 marks)
- e) Describe briefly about RAID. (3 marks)

QUESTION 2

- a) Identify **FOUR (4)** functions of an Operating System. (4 marks)
- b) Software Ownership Rights is one of the basic of Application Software and its function is to specify the allowable use of the program.
Discuss **FOUR (4)** types of Software Ownership Rights. (8 marks)

- c) Label all ports and connectors (i-x) in Figure 1 below: (10 marks)

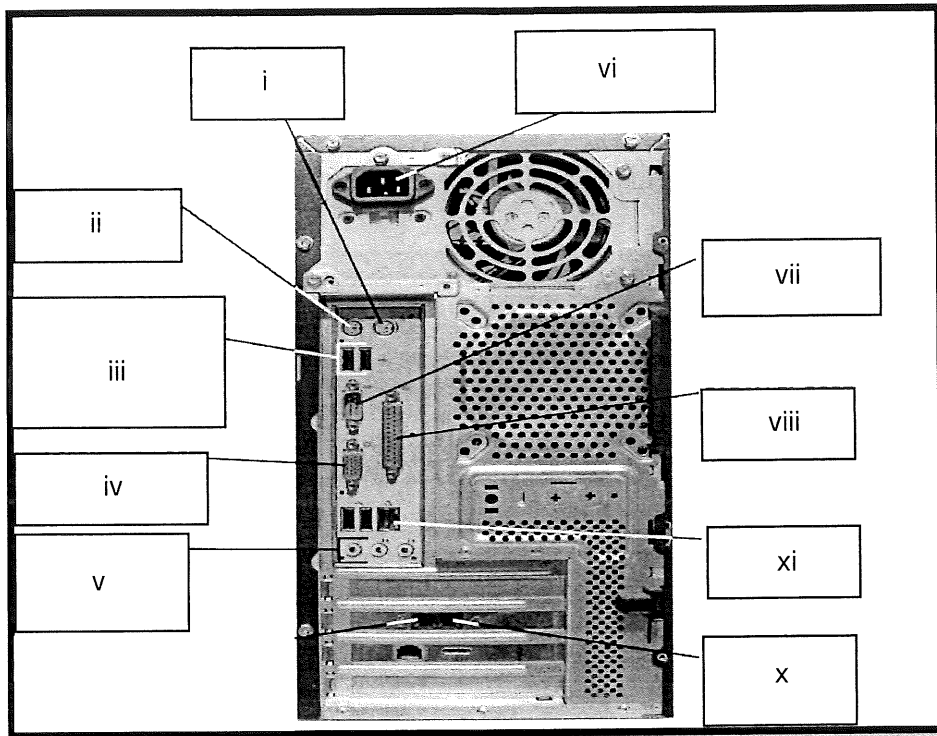


Figure 1: Back of desktop PC

- d) Distinguish between online banking and online trading. (4 marks)
- e) Differentiate between TPS, MIS and DSS for the Information System in an Enterprise. (6 marks)

QUESTION 3

- a) Identify **SIX (6)** types of computers. (6 marks)
- b) Describe Cloud Computing. (4 marks)
- c) Distinguish between broadband and modem. (2 marks)
- d) Give **FIVE (5)** examples of wired and wireless applications. (5 marks)

QUESTION 4

- a) Distinguish between ISP, OSP and WISP. (6 marks)
- b) Outline **FOUR (4)** major elements of Autonomic Computing. (4 marks)
- c) Determine **FOUR (4)** types of tasks that can be perform by the user using file management programs. (4 marks)
- d) Describe **THREE (3)** tasks that can be perform to change or format the appearance of the document. (3 marks)
- e) List **TWO (2)** examples of application software that contains in Microsoft Office Suites. (2 marks)

QUESTION 5

- a) Explain about system unit. (3 marks)
- b) Define Access Provider. (1 mark)
- c) Distinguish between software piracy and internet software piracy. (2 marks)
- d) Discuss **FOUR (4)** ways of preventing crime on the Internet. (4 marks)
- e) Define file management programs and outline **FOUR (4)** tasks that can be done in file management programs. (5 marks)

-----End of Questions-----