



NATIONAL OPEN UNIVERSITY OF NIGERIA
91 CADASTRAL ZONE NNAMDI AZIKWE EXPRESSWAY JABI, ABUJA
Faculty of Science
OCTOBER/NOVEMBER 2016 EXAMINATION

Course Code: CIT 759
hrs

Time: 2^{1/2}

Course Title: Micro-Computing and WWW

Course Credit Unit: 3

Instruction: Answer any FOUR (4) questions.

- 1a. Differentiate between notebook PC and Desktop (6marks)
- 1b. As a prospective buyer of computer, briefly explain the specifications that would guide a good choice of purchase. (8 marks)
- 1c. Discuss CPU in context of the functions of its components. (3^{1/2} marks)
- 2a. Enumerate and discuss the components of a computer (10marks)
- 2b. In tabular form, differentiate between RAM and ROM (3 marks).
- 2c. State the Windows operating system shortcut keys to perform the following operations:
- i. Cut (1 marks)
 - ii. Exit a program (1 mark)
 - iii. Highlight all (1 marks)
 - iv. Copy (^{1/2} mark)
 - v. End task (1 marks)
- 3a. Complete the table below summarizing the pros and cons of the different types of monitors (8marks)

CHARACTERISTICS	CRT MONITOR	FLAT PANEL MONITOR
Size and weight		
Price		
Potential viewing problems		
Power consumption		

- 3b. List SEVEN (7) connectors used for smooth running of a computer
(7marks)
- 3c. Define the term 'port' (2¹/₂ marks)
- 4a. Enumerate and briefly describe five (5) image file type
(10 marks)
- 4b. briefly explain three (3) music file format.
(6marks)
- 4c. list the two (2) video format and extension
(1¹/₂ marks)
- 5a. Define ergonomics as related to microcomputer
(2marks)
- 5b. Describe six (6) safety precautions an individual must ask his employer to produce for effective working environment
(12marks)
- 5c. Elucidate these three storage media, floppy disk, CD-R, CD-RW
(3¹/₂ marks)
- 6a. Explain briefly the operation of a Mouse (4 marks).
- 6b. Explain briefly the operation of a Keyboard device
(3 marks).
- 6c. Discuss briefly touch-pads operation (3¹/₂ marks).
- 6d. List and explain briefly 2 types of optical scanners
(5 marks).
- 6e. How does internet work?
(2marks)