



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Plot 91, Cadastral one, Nnamdi Azikiwe Expressway, Jabi, Abuja**  
**Faculty of Science**  
**Department of Computer Science**  
**2024\_1 EXAMINATION**

**COURSE TITLE: MICROCOMPUTING & WWW**  
**COURSE CODE: CIT 759**  
**CREDIT UNIT: 2**  
**TIME ALLOWED: 2 HOURS**  
**INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2 )**  
**QUESTIONS**

**QUESTION ONE**

- 1a) What is the importance of the CPU in a microcomputer? State the processes in the operation circle of CPU (**8 marks**)
- 1b) Are Graphics cards related to memory cards? Briefly describe their functions (**8 marks**)
- 1 ci) Mention any five public email services that you know (**8 marks**)
- 1 cii) Mention four types of hyperlinks achievable with FrontPage or Dreamweaver (**2 marks**)
- 1d) Given a RAM of 16 GB, how many bytes of data can it hold? (**4 marks**)

**QUESTION TWO**

- 2 a) State five characteristics each of magnetic storage and magnetic tape drive (**12 marks**)
- 2 b) Mention five functions available in a word processor (**5 marks**)
- 2 c) Mention the three factors that determine or affect the quality of a computer screen? (**3 marks**)

**QUESTION THREE**

- 3 a) Mention any five types of microcomputer data storage mechanisms you know? (**5 marks**)
- 3 b) Describe how you would make a text a hyperlink in FrontPage (**9 marks**)
- 3 c) Describe the working mechanism of a touch pad (**6 marks**)

**QUESTION FOUR**

- 4 ai) Differentiate between the functions of a RAM and ROM in a microcomputer (**6 marks**)
- 4 aii) Mention the common image file types (**6 marks**)
- 4 b) DVD has variants, mention these variants and the kind of data they store or their underlying technology (**8 marks**)

**QUESTION FIVE**

- 5 a) Mention any three types of RAMs you know (**8 marks**)
- 5 b) State the steps to change the background color of Windows computer (**5 marks**)
- 5 c) What are input devices? Give examples (**7 marks**)