



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI-ABUJA  
FACULTY OF COMPUTING

DEPARTMENT OF COMPUTER SCIENCES

2024 1 EXAMINATION

**COURSE CODE:** CIT 353  
**COURSE TITLE:** Introduction to Human Computer Interaction  
**CREDIT UNIT:** 2  
**TIME ALLOWED:** 2HRS  
**INSTRUCTION:** ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2)

**Question 1**

- a) There are golden rules and heuristics governing designs, the Shneiderman's Golden Rules is one of the collections of these guide lines. Mention five (5) out of the eight rules. *(5 marks)*
- b) Define mental models *(2 marks)*
- c) Enumerate the characteristics of *mental models* *(4 marks)*
- d) Outline the measures to be taken by a system designer to minimize the memory load of a user *(2 marks)*
- e) A few elements may be taken into consideration while choosing an assessment strategy that is appropriate for various interactive systems. List five of these elements. *(5 marks)*
- f) Talk about the execution and evaluation loop, emphasizing how useful it is for involving users in the design of interactive systems. *(7 marks)*
- g) Define Moore's law *and* justify its validity in the year 2020 using related computer specifications known to you. *(5 marks)*

**Question 2**

- (a) What are the health threats of the CRT? *(8 marks)*
- (b) Prescribe some safety measures to (a) above *(6 marks)*