



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja
FACULTY OF SCIENCES
COMPUTER SCIENCE DEPARTMENT
2021_2 EXAMINATIONS

CIT 353 -Introduction To Human Computer Interaction

Credit: 2 units

TIME ALLOWED: 2 Hours

INSTRUCTION: Answer Question 1 and any other FOUR (3) Questions

- 1a) Explain any 6 major innovations related to the history of paradigm shifts in HCI (9 marks)
- b) In a tabular form, identify the advantages and disadvantages of touch-sensitive screen as an input device (6 marks)
- c) Outline 5 important health tips to observe when using VDU (5 marks)
- d) Briefly summarize 6 basic elements of the WIMP interface you know (3 marks)
- e) Describe any two ways through which widgets can be identified (2 marks)

- 2a) Identify the common interaction styles known to you (7 marks)
- b) Mention any 4 scientific methods of conducting research in human-computer interaction (6 marks)
- c) Distinguish between menus and dialog boxes (2 marks)

- 3a) Mention the basic challenges inherent in speech recognition systems (6 marks)
- b) Describe the various text storage formats known to you (9 marks)

Answers:

- 4a) Enumerate the issues to consider in order to design an effective menu (5 marks)
- b) Discuss the various aspects of Context Analysis known to you (10 marks)

- 5a) Mention any 6 devices used by the elderly and the disabled in human computer interaction (6 marks)
- b) Explain the acronym CATWOE (9 marks)