NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja
FACULTY OF SCIENCES
COMPUTER SCIENCE DEPARTMENT
2020_1 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) *B*riefly 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)*