NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja
FACULTY OF SCIENCES
COMPUTER SCIENCE DEPARTMENT
2023_2 EXAMINATIONS_

CIT 353: INTRODUCTION TO HUMAN COMPUTER INTERACTION
Credit: 2 units
TIME ALLOWED: 2 Hours
INSTRUCTION: Answer Question 1 and any other THREE (3) Questions

QUESTION ONE

(a) Define the following in terms of cognitive model *(8 marks)*

   i.   Cognitive walkthrough

   ii. Benchmarking

   iii. Meta-Analysis

   iv. Persona

(b) Write short note on the following: *(10 marks)*

   i.   Rapid Prototyping

   ii. Subject Testing methods

   iii. Remote usability testing

   iv. Thinking Aloud Protocol

   v.   Subjects-in-Tandem

(c) Give a detailed description of the soft systems methodology *(7 marks)*

QUESTION TWO

(a) Discuss the following approaches to user modelling

   i.   Quantification (1 mark)

   ii. Stereotypes (1 mark)

   iii. Overlay (2 marks)

   iv. Knowledge representation (2 marks)

(b) State the three design principles formulated to support usability *(3 marks)*

(c) Write short note on Prototyping *(6 marks)*

QUESTION THREE

(a) What is the user system interface? *(3 marks)*