



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY
DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

FIRST SEMESTER 2017/2018 EXAMINATION

COURSE CODE: IMT 413
COURSE TITLE: Human-Computer Interaction
CREDIT UNITS: 2
TIME ALLOWED: 2 Hours
COURSE LECTURER(S): Dr. H. O. Aliyu
NUMBER OF QUESTIONS: 4
NUMBER OF PAGES: 2 (including this page)

INSTRUCTIONS

- Answer all questions
- Do **not** use red pen
- Please use a clear handwriting
- This exam is closed book, closed notes, closed laptop and closed cell phone
- Do **not** use calculators

**Question 1:**

- a. List and explain 6 goals of HCI (6 marks)
- b. List and explain briefly the various stages of user-centered development (9 marks)

Question 2:

- a. Discuss globalization as applied to website development and state the key types of contents to be considered in globalization (9 marks)
- b. Briefly explain two approaches to text translation in a website for globalization (6 marks)

Question 3:

- a. What are the benefits of personalization in a website? (5 marks)
- b. Describe any two ways by which you can personalize a website to the preferences of an individual user and paint a scenario of each. (10 marks)

Question 4:

- a. Recall that you were advised to study the organization structure of the website of the Federal University of Technology Minna (www.futminna.edu.ng). Briefly discuss your findings about the organization of the contents of the website. (5 marks)
- b. With the aid of suitable sketches and brief explanations of the different stages, propose an alternative organization of the contents of the website to improve its usability. (10 marks)