



National Open University of Nigeria
14/16 Ahmadu Bello Way, Victoria Island, Lagos.

School of Science and Technology

October, 2013 Examination

Course Code: CIT 353

Course Title: Introduction to Human Computer Interaction

Course Unit: 2 Credits

Total mark is 100 and each question carries 25 marks

Instruction: Answer 4 Questions in 2½ Hours

1a. Give the full meaning of the following acronyms:

- (i) TCP
- (ii) IP
- (iii) WAP
- (iv) WI-FI
- (v) MAN
- (vi) ATM
- (vii) WWW
- (viii) GPS

(2

marks each)

1b. List and explain three types of topologies.

(9 marks)

2a. What is Knowledge Representation?

(7

marks)

2b. Describe the rule based, the frame based and the networked based techniques of Knowledge

Representation.

(9 marks)

2c. List any three types of prototype methods?

(9 marks)

3a. Define a network and its purpose?

(10

marks)

3b. List and explain 5 uses of communication technology

(15

marks)

4a. Explain the difference between a LAN and a WAN

(10 marks)

4b. Enumerate five major components of the web technology?

(5marks)

4c. List and explain five application software you know

(10 marks)

5b. How would you explain Human Computer Interaction to a layman?

(7 marks)

5b. List any three (3) examples of Positioning, Pointing and Drawing Devices
(9 marks)

5c. Mention any three (3) scientific methods of conducting research in human-computer interaction. (9 marks)

6a. How would you explain “Touch Sensitive Screen” to a layman
(6 marks)

6b. Mention three (3) advantages of the touch sensitive screen interface
(9 marks)

6c. Mention five (5) health hazards that may likely exist as a result of interacting with the CRT. (10marks)