HCI   L.exam
course1

University of Karbala

College of Science

Human Computer Interaction

Date: 07-01-2018

Time: 2 Hours

Q1 Define the following (Choose Five Only) :   (5 Marks)

1-Interaction Design, 2-Feedback, 3-Scenarios, 4-Conceptual model, 5-Ubiquitous Computing, 6- Pervasive Computing

Q2 Answer the following questions briefly and precisely: (6 Marks)

1- How beneficial is to work together as multidisciplinary team?

2- There are three key characteristics of the interaction design process: explain two?

3- List the six usability goals?

4- List the categories of constrains and explain one?

5- List two of the ten main usability principles with a brief explanation?

6- What is the benefits of metaphors?

Q3 Answer the following questions: (6 Marks)

1- What do you think are the key goals and user experience goals for an Internet application that allows the general public to access their medical records via interactive TV?

2- Explain what is Conceptual Models Based on Objects and give an example?

3- What does Macintosh desktop demonstrate and how that demonstration represented?

Q4 Write True or False on each sentence. If a statement is false, rewrite the corrected sentence. **(4 Marks)**

1- The more visible functions are, the more likely users will be confused and don't know what to do next?

2- A problem in starting to solve a design problem at the physical level.

3- Instructing Conceptual model is based on the system providing information that is structured in such a way as to allow users to find out or learn things.

4- A well known approach to designing affective interfaces is to use expressive icons and other graphical elements to convey emotional states.

5- The error message "INVALID DATA" can be expressed in less offensive way: There is a problem with the way you have typed the command. Check for typos.

Q5 Imagine that you've been asked to design a university library webpage. The library provides different service such as searching for books, books reserving and buying book request. Sketch out four essential interfaces of the webpage? **(4 Marks)**

Good Luck