

3 Lecture - CS408

Important Mcqs

Which of the following is NOT a challenge in designing for mobile and ubiquitous computing?

- a. Limited screen size
- b. Varied input methods
- c. Connectivity issues
- d. High processing power

Solution: d. High processing power

Information Visualization is:

- a. The use of graphical representations to display data
- b. The process of connecting two devices wirelessly
- c. The study of human emotions during interaction
- d. The process of debugging software

Solution: a. The use of graphical representations to display data

User-Centered Design (UCD) process involves:

- a. Involving users in the design process
- b. Designing systems without considering user feedback
- c. Designing systems that are visually appealing only
- d. Focusing solely on technical aspects of system design

Solution: a. Involving users in the design process

What does Human-Centered AI focus on?

- a. Replacing humans with AI technologies
- b. Designing AI technologies that work independently

- c. Designing AI technologies that collaborate with humans
- d. Focusing on AI technologies without considering user needs

Solution: c. Designing AI technologies that collaborate with humans

Accessibility and inclusive design in HCI focus on:

- a. Designing systems that are only usable by able-bodied users
- b. Designing systems that are aesthetically pleasing only
- c. Designing systems that are usable and accessible by all users
- d. Ignoring the needs of users with disabilities or special needs

Solution: c. Designing systems that are usable and accessible by all users

Social computing involves:

- a. The study of human emotions during interaction
- b. The study of how people interact and communicate through computer-mediated systems
- c. The study of computer hardware and software
- d. The study of physical interaction with computers

Solution: b. The study of how people interact and communicate through computer-mediated systems

Cognitive aspects in HCI involve:

- a. The mental processes that users employ during interaction
- b. The physical aspects of interacting with a computer
- c. The color and design of user interfaces
- d. The audio and visual feedback during interaction

Solution: a. The mental processes that users employ during interaction

Human-Computer Interaction (HCI) is:

- a. The study of interactions between humans and computers
- b. The study of interactions between humans and animals
- c. The study of computer programming

d. The study of human emotions during interaction

Solution: a. The study of interactions between humans and computers

Information architecture in HCI focuses on:

a. The physical layout of computer systems

b. The organization and structure of information in systems

c. The color and design of user interfaces

d. The audio and visual feedback during interaction

Solution: b. The organization and structure of information in systems

What does User Experience (UX) encompass in HCI?

a. Usability, aesthetics, accessibility, and engagement

b. Only aesthetics and engagement

c. Only usability and accessibility

d. Only engagement and aesthetics

Solution: a. Usability, aesthetics, accessibility, and engagement