

# 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**