

5 Lecture - CS408

Important Mcqs

Which of the following is the main focus of Human-Computer Interaction (HCI)?

- a. Studying human behavior
- b. Designing user-friendly interfaces
- c. Developing computer systems
- d. Analyzing data patterns

Answer: b. Designing user-friendly interfaces

What does usability engineering in HCI involve?

- a. Conducting user research
- b. Developing computer systems
- c. Analyzing data patterns
- d. Studying human behavior

Answer: a. Conducting user research

What is the purpose of information visualization in HCI?

- a. To study human behavior
- b. To develop computer systems
- c. To design user-friendly interfaces
- d. To represent complex data visually

Answer: d. To represent complex data visually

What do human factors in HCI consider?

- a. Designing user-friendly interfaces
- b. Studying human behavior

- c. Developing computer systems
- d. Physical, cognitive, and social characteristics of users

Answer: d. Physical, cognitive, and social characteristics of users

Why is accessibility important in HCI?

- a. To study human behavior
- b. To develop computer systems
- c. To design user-friendly interfaces
- d. To ensure equal access for all users

Answer: d. To ensure equal access for all users

What does social computing in HCI involve?

- a. Analyzing data patterns
- b. Designing user-friendly interfaces
- c. Studying human behavior in social settings
- d. Developing social media platforms

Answer: c. Studying human behavior in social settings

What is the focus of human-centered AI in HCI?

- a. Studying human behavior
- b. Developing computer systems
- c. Analyzing data patterns
- d. Designing AI systems that collaborate with humans

Answer: d. Designing AI systems that collaborate with humans

What are the interdisciplinary aspects of HCI?

- a. Studying human behavior
- b. Designing user-friendly interfaces
- c. Collaboration with other fields such as psychology and design

d. Developing computer systems

Answer: c. Collaboration with other fields such as psychology and design

What is the role of HCI in the design of user-centric technologies?

a. Studying human behavior

b. Developing computer systems

c. Designing user-friendly interfaces

d. Analyzing data patterns

Answer: c. Designing user-friendly interfaces

What disciplines are involved in HCI?

a. Computer science

b. Anthropology

c. Design

d. All of the above

Answer: d. All of the above