# 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