

# 24 Lecture - CS408

## Important Mcqs

**Which of the following is a commonly used framework in Human Computer Interaction (HCI)?**

- a) User-Unfriendly Design (UUD)
- b) User-Centered Design (UCD)
- c) Developer-Centric Design (DCD)
- d) Technology-Driven Design (TDD)

**Answer: b) User-Centered Design (UCD)**

**What is the purpose of a framework in HCI?**

- a) To restrict the creativity of designers
- b) To provide guidelines for designing user interfaces
- c) To limit the scope of the design process
- d) To ensure that only expert users are considered in the design process

**Answer: b) To provide guidelines for designing user interfaces**

**What is the primary focus of the Interaction Design (IxD) framework?**

- a) Contextual analysis
- b) Usability testing
- c) Design iteration
- d) Task analysis

**Answer: c) Design iteration**

**Usability testing is used for refinements in HCI to:**

- a) Improve the visual aesthetics of the interface
- b) Enhance the performance of the interface

- c) Increase the complexity of the interface
- d) Decrease the overall cost of interface development

**Answer: b) Enhance the performance of the interface**

**What is the purpose of heuristic evaluation in HCI?**

- a) To evaluate the interface based on established usability principles
- b) To test the interface with a large group of users
- c) To analyze the contextual factors influencing user behavior
- d) To identify potential security issues in the interface

**Answer: a) To evaluate the interface based on established usability principles**

**Cognitive walkthroughs are used for refinements in HCI to:**

- a) Assess the visual aesthetics of the interface
- b) Identify potential usability issues
- c) Test the interface with real users
- d) Measure the overall satisfaction of users with the interface

**Answer: b) Identify potential usability issues**

**Which of the following is an example of a user feedback survey used for refinements in HCI?**

- a) Cognitive walkthrough
- b) Usability testing
- c) Heuristic evaluation
- d) User satisfaction questionnaire

**Answer: d) User satisfaction questionnaire**

**Focus groups are used for refinements in HCI to:**

- a) Measure the performance of the interface
- b) Evaluate the visual aesthetics of the interface
- c) Collect qualitative data on user preferences and needs

d) Test the interface with a large group of users

**Answer: c) Collect qualitative data on user preferences and needs**

**What is the role of refinements in the HCI design process?**

a) To restrict the creativity of designers

b) To eliminate the need for user feedback

c) To improve the overall usability of the interface

d) To limit the scope of the design process

**Answer: c) To improve the overall usability of the interface**

**How do frameworks and refinements contribute to the success of user interface design in HCI?**

a) By limiting the creativity of designers

b) By ensuring that only expert users are considered

c) By providing guidelines for designing user interfaces

d) By increasing the complexity of the design process

**Answer: c) By providing guidelines for designing user interfaces**