

14 Lecture - CS408

Important Mcqs

What is the primary goal of interaction design in Human-Computer Interaction (HCI)?

- a. To create visually appealing interfaces
- b. To optimize system performance
- c. To facilitate effective communication between users and systems
- d. To minimize the cost of system development

Answer: c. To facilitate effective communication between users and systems

Which of the following is an example of a passive interaction?

- a. Clicking a button on a webpage
- b. Dragging and dropping files
- c. Watching a video
- d. Typing a search query

Answer: c. Watching a video

Which of the following is an example of a proactive interaction?

- a. Scrolling through a webpage
- b. Clicking on a link
- c. Hovering over an image
- d. Receiving a notification

Answer: d. Receiving a notification

Which of the following is an example of a direct manipulation interaction?

- a. Sending an email
- b. Voice command
- c. Using a touch screen
- d. Navigating through a menu using arrow keys

Answer: c. Using a touch screen

What is the purpose of affordances in interaction design?

- a. To provide visual aesthetics
- b. To create interactive animations
- c. To guide users on how to interact with an interface
- d. To optimize system performance

Answer: c. To guide users on how to interact with an interface

Which of the following is an example of an explicit interaction?

- a. Gesturing towards a sensor
- b. Looking at a screen
- c. Touching a physical button
- d. Thinking about a command

Answer: c. Touching a physical button

What is the significance of cognitive load in interaction design?

- a. It determines the speed of interactions
- b. It affects the aesthetics of the interface
- c. It influences the user's mental effort in processing information
- d. It determines the cost of system development

Answer: c. It influences the user's mental effort in processing information

Which of the following is an example of a natural language interaction?

- a. Clicking a button
- b. Swiping a screen
- c. Typing a search query
- d. Navigating through a menu using arrow keys

Answer: c. Typing a search query

Which of the following is an example of a multimodal interaction?

- a. Using a mouse to navigate through a menu
- b. Using voice commands to control a smart speaker
- c. Touching a screen to select an option
- d. Using a physical button to turn on a light

Answer: b. Using voice commands to control a smart speaker

What is the purpose of feedback in interaction design?

- a. To provide visual aesthetics
- b. To enhance user satisfaction
- c. To optimize system performance
- d. To minimize the cost of system development

Answer: b. To enhance user satisfaction