

11 Lecture - CS408

Important Mcqs

Which of the following is NOT a cognitive process that influences the execution of actions in HCI?

- a) Memory
- b) Attention
- c) Motor skills
- d) Reasoning

Solution: c) Motor skills

What is the role of context in understanding the psychology of actions in HCI?

- a) Context has no impact on the psychology of actions
- b) Context influences how actions are perceived and executed
- c) Context only affects visual affordances
- d) Context is irrelevant in HCI

Solution: b) Context influences how actions are perceived and executed

What are visual affordances?

- a) Cues that indicate how an element should be interacted with
- b) Factors that affect motor skills
- c) Cognitive processes that influence actions
- d) Feedback provided through visual cues

Solution: a) Cues that indicate how an element should be interacted with

Which of the following is NOT a type of feedback in HCI?

- a) Visual feedback
- b) Auditory feedback

c) Haptic feedback

d) Motor feedback

Solution: d) Motor feedback

How do cognitive limitations of users impact the design of actions in HCI?

a) Cognitive limitations have no impact on action design

b) Cognitive limitations can affect the efficiency of actions

c) Cognitive limitations only affect visual affordances

d) Cognitive limitations are irrelevant in HCI

Solution: b) Cognitive limitations can affect the efficiency of actions

Which of the following is NOT a factor that impacts the execution of actions in HCI?

a) Motor skills

b) Feedback timing

c) Context

d) Personality traits

Solution: d) Personality traits

What is the role of feedback timing in the effectiveness of actions in HCI?

a) Feedback timing has no impact on action effectiveness

b) Feedback timing can affect users' perception of actions

c) Feedback timing only affects motor skills

d) Feedback timing is irrelevant in HCI

Solution: b) Feedback timing can affect users' perception of actions

How do motor skills and physical abilities impact the psychology of actions in HCI?

a) Motor skills and physical abilities have no impact on the psychology of actions

b) Motor skills and physical abilities only affect feedback

c) Motor skills and physical abilities can impact the ease of performing actions

d) Motor skills and physical abilities are irrelevant in HCI

Solution: c) Motor skills and physical abilities can impact the ease of performing actions

What role does perception play in the psychology of actions in HCI?

a) Perception has no role in the psychology of actions

b) Perception only affects visual affordances

c) Perception influences how actions are perceived and executed

d) Perception is irrelevant in HCI

Solution: c) Perception influences how actions are perceived and executed

How can designers ensure actions in HCI are user-friendly?

a) By ignoring cognitive processes

b) By providing complex visual affordances

c) By not considering motor skills and physical abilities

d) By designing interfaces that are intuitive and easy to use

Solution: d) By designing interfaces that are intuitive and easy to use