# **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