Cognition 1st edition Glass Solutions Manual

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Chapter 2

Is a voluntary action controlled by the organism or an external stimulus?
A voluntary action is initiated and controlled by the organism.

What role does the instrumental system play in learning?
The instrumental system controls the response to a novel target. Hence, when something new is learned, the instrumental system is initially in control of the response.

What role does the habit system play in learning?
The habit system creates robust representations of sequences of actions. These sequences come to control the retrieval of the memory of a routine task or event. Hence, when a task have been practiced or an event is familiar, the habit system is in control of the response.

What influences the probability that a voluntary action will be made to a target?
The probability of a voluntary to a target is determined by the intensity of emotional response to the target and a person's experience with identical and similar targets. Intense emotions inhibit task-irrelevant processing and facilitate the selection of a successful action to a similar target in the past.

What is the definition of consciousness?
Consciousness is another label for voluntary action.

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