Chapter 6 – Learning Unit Test Study Guide

* The most crucial ingredient in all learning is
* Learning that certain events occur together is called
* If a sea slug on repeated occasions receives an electric shock just after being squirted with water, its protective withdrawal response to a squirt of water grows stronger. This best illustrates…
* classical conditioning.
* operant conditioning.
* The first experimental studies of associative learning were conducted by…
* Who introduced the term behaviorism?
* Be able to identify examples of
  + conditioned stimulus
  + unconditioned stimulus
  + unconditioned response
  + conditioned response
  + neutral stimulus
  + spontaneous recovery
* generalization.
* Animals most readily learn the specific associations that promote what?
* biological predispositions
* partial reinforcement
* Know these reinforcement schedules:
  + fixed-ratio
  + fixed-interval
  + variable-interval
  + variable-ratio
  + intermittent-interval
* negative reinforcer
* punishment
* delayed reinforcer
* secondary reinforce
* positive reinforcer
* For purposes of effective child-rearing, most psychologists favor the use of what form of operant conditioning?
* Caroline loves to read and enjoys looking up the meanings of words she does not know. In school, her teacher promises a gold star to students each time they learn a new word. The teacher's behavior is most likely to undermine what kind of motivation?
* If a baseball player gets a hit after tapping the plate with the bat, he is more likely to repeat that behavior the next time he's up to the plate. What best explains this superstitious behavior?
* Both classical and operant conditioning are forms of…
* Operant conditioning involves a learned association between…

**Essay**

1. Many people who are addicted to drugs report not being able to control themselves when their drug of choice is available. Learning principles may help explain this lack of control and may provide possible solutions.

A. Some people with alcohol dependence report that just the smell of alcohol creates a powerful sense of well-being, increasing the desire to drink the alcohol. Explain this reaction using a classical conditioning model, and describe one possible way to decrease the reaction. Use the following terms in your answer:

• Unconditioned stimulus

• Unconditioned response

• Conditioned stimulus

• Conditioned response

• Extinction

B. In cases of long-term addiction, some users report continuing their drug use to avoid the side effects of being without the drug. Explain this behavior using an operant conditioning model. Use the following terms in your answer.

• Tolerance

• Withdrawal

• Negative reinforcement