

## Unit 4: Learning

### Topic 4.1 – Introduction to Learning

1. What is association?
2. What is the difference between observational learning and latent learning?
2. Why would someone experience learned helplessness?
3. Define latent learning.
4. Explain what social learning is.
5. What is the difference between insight learning and trial-and-error learning?
6. Describe superstitious behavior.
7. Complete the table below.

Individual	Contribution
John Garcia	
Albert Bandura	
Edward Tolman	
Edward Thorndike	
Ivon Pavlov	
B.F. Skinner	
Robert Rescorla	
John B Watson	

### Topic 4.2- Classical Conditioning

1. Briefly describe Pavlov's experiment with dogs.

**Topic 4.2- Classical Conditioning (Continued)**

2. Explain the difference between an unconditioned stimulus and unconditioned response.
3. Identify the UCS and UCR in Pavlov's experiment.
4. What is a neutral stimuli?
5. Describe acquisition and identify how it was used in Pavlov's experiment.
6. Explain the difference between a conditioned stimulus and conditioned response.
7. Why would extinction occur?
8. Describe spontaneous recovery.
9. What is the difference between stimulus discrimination and stimulus generalization?
10. Explain higher-order conditioning.
11. Provide an example of higher-order conditioning.

**Topic 4.3- Operant Conditioning**

1. According to B.F. Skinner: how do punishments and reinforcements impact learned behavior?
2. Who did B.F. Skinner base his work off of?
3. Describe the law of effect.
4. Identify a positive and negative consequence.
5. How is Operant Conditioning different from Classical Conditioning?
6. Describe how Skinner used shaping in his Skinner box experiment.
7. In Skinner's experiment what is the lever?
8. Complete the table below.

	Description	Example
Positive Reinforcement		
Negative Reinforcement		
Positive Punishment		
Negative Punishment		

**Topic 4.3- Operant Conditioning (Continued)**

9. Complete the table below.

	Increase Behavior	Decrease Behavior
Add Stimulus		
Take away Stimulus		

10. Complete the table below.

Reinforcement Schedule	Description	Impact	Example
Fixed-ratio schedule			
Fixed-interval schedule			
Variable-ratio schedule			
Variable-interval schedule			

11. Why does the overjustification effect happen?

12. What is the difference between extrinsic motivation and intrinsic motivation?

**Topic 4.4- Social and Cognitive Factors in Learning**

1. Complete the table below

Influence on learning	Example
Biological	
Psychological	
Social-cultural	

2. Define preparedness.

3. What is instinctive drift?

4. What did Robert Rescorla and Allan Wagner discover with their experiment on rats?

5. Edward Chase Tolman's rat study had rats complete mazes. What did researchers notice when observing the rats?

**Topic 4.4- Social and Cognitive Factors in Learning (Continued)**

6. Define latent learning.

7. Compare social learning and observational learning.

8. What is the difference between external locus of control and internal locus of control?

9. What happens if a person has a high degree of external locus of control and little internal locus of control?

10. Describe problem-focused coping and emotion-focused coping.