

General Psychology Exam 2

April 18, 2016

GENERAL PSYCHOLOGY EXAM 2: CHAPTERS 6 THROUGH 9

1. CHAPTER 6: SENSATION AND PERCEPTION

A. Sensing the World: Some Basic Principles

- i. *Sensation-* The experience of having your sense organs stimulated
- ii. *Perception-* Interpreting the sensations that are experienced, to recognize meaningful objects and events
- iii. *Ambiguous images-* images with multiple interpretations same sensation with different perceptions.
- iv. *Bottom up processing-* analysis beginning with sensory receptors & works up to brain's integration of sensory information. Starts with the senses.
 1. If you see an image your brain can process it as either a duck or a rabbit.
- v. *Top down processing-* Information processing guided by higher-level mental processes. Starts with the brain.
 1. If you are given an expectation of the image that determines what you see.
- vi. *Prosopagnosia-* Inability to perceive faces even though vision is fine.
 1. Sensation without perception
 2. *Perceptual problem-* difficulty integrating different elements of the human face.
 3. Like trying to use one piece of the puzzle to determine one's face.
 4. Love is experienced based but dating and social lives for them are harder.
- vii. *Thresholds*
 1. *Psychophysics-* Study of relationship between physical characteristics of stimuli & our psychological experiences of them.
 2. *Absolute threshold-* Minimum stimulation needed to detect particular stimulus 50% of the time
 3. *Signal Detection-* The intensity of signal vs background noise.
 - a. *Expectation, Experience, Motivation and Fatigue*
 - i. *Experience* = Signal Detection
 - ii. *Expectation* = Signal Detection
 - iii. *Motivation* = Signal Detection

General psychology exam 2 is a pivotal assessment for students taking introductory psychology courses. This exam typically covers a range of topics that reflect the foundational principles and theories within the field of psychology. Understanding what to expect from this examination can significantly enhance a student's preparation and performance. In this article, we will explore the key areas likely to be tested, effective study strategies, and tips for success in your general psychology exam 2.

Core Topics in General Psychology Exam 2

The content of general psychology exam 2 may vary depending on the curriculum, but there are several core topics commonly found in most introductory psychology courses. Below are some of the primary areas students should focus on:

1. Biological Bases of Behavior

Understanding how biological processes influence behavior is crucial. Key concepts include:

- **Neurons and Neurotransmitters:** Students should be familiar with the structure of neurons and the role neurotransmitters play in communication within the brain.
- **Brain Structure and Function:** Knowledge of various brain regions and their associated functions, such as the limbic system, cerebellum, and cerebral cortex.
- **Genetics and Behavior:** An overview of how genetics can affect psychological traits and predispositions.

2. Sensation and Perception

This topic explores how we interpret sensory information. Important points include:

- **Sensation:** The process by which sensory receptors and nervous system receive stimuli from the environment.
- **Perception:** How the brain organizes and interprets sensory information to understand the environment.
- **Gestalt Principles:** Theories explaining how we perceive patterns and wholes in our visual field.

3. Learning Theories

Learning is a central theme in psychology, and students should focus on:

- Classical Conditioning: Understanding the work of Pavlov and how associative learning occurs.
- Operant Conditioning: The principles outlined by Skinner regarding reinforcement and punishment.
- Observational Learning: Bandura's theories on learning through observing others.

4. Memory and Cognition

Memory and cognition are critical areas of study. Key concepts include:

- Types of Memory: Differentiate between sensory memory, short-term memory, and long-term memory.
- Memory Processes: Understanding encoding, storage, and retrieval of memories.
- Cognitive Processes: An overview of thinking, problem-solving, and decision-making strategies.

5. Developmental Psychology

Developmental psychology examines how people grow and change throughout life. Topics include:

- Stages of Development: Familiarity with the theories of development proposed by Piaget, Erikson, and Kohlberg.
- Attachment Theory: Understanding the significance of attachment in childhood development.

6. Personality Theories

Students should be prepared to discuss various theories of personality, such as:

- Trait Theory: The Five Factor Model (OCEAN).
- Psychoanalytic Theory: Freud's concepts of the unconscious mind and defense mechanisms.
- Humanistic Theories: The views of Rogers and Maslow regarding self-actualization.

7. Psychological Disorders and Treatments

Understanding the classification and treatment of psychological disorders is vital. Key areas to cover include:

- Diagnostic Criteria: Familiarity with the DSM-5 and major types of disorders.
- Therapeutic Approaches: Overview of various treatment methods, including cognitive-behavioral therapy (CBT) and psychodynamic therapy.

Effective Study Strategies

Preparing for your general psychology exam 2 requires a strategic approach to studying. Here are some effective strategies to consider:

1. Create a Study Schedule

Establishing a study schedule can help manage your time effectively. Consider the following tips:

- Break down topics into manageable sections.

- Allocate specific times for studying each section.
- Ensure you leave time for review before the exam.

2. Use Active Learning Techniques

Active learning helps reinforce knowledge retention. Techniques include:

- Self-Quizzing: Test yourself on key concepts and terminology.
- Flashcards: Create flashcards for important terms and theories.
- Group Study: Collaborate with classmates to discuss and explain concepts to one another.

3. Incorporate Multisensory Learning

Engaging multiple senses can enhance the learning experience. Consider these methods:

- Visual Aids: Use diagrams, charts, and videos to reinforce learning.
- Audio Resources: Listen to podcasts or recorded lectures related to psychology topics.

4. Practice Past Exams

Familiarizing yourself with the exam format can alleviate anxiety. Consider:

- Searching for past exam papers or practice questions.
- Timing yourself while completing practice exams to simulate the actual testing experience.

Tips for Exam Day

On the day of your general psychology exam 2, consider the following tips to ensure you perform your best:

1. Get Adequate Rest

A good night's sleep before the exam is crucial. Lack of sleep can impair focus and retention.

2. Eat a Healthy Breakfast

Fueling your body with a nutritious breakfast can enhance concentration. Aim for a balanced meal with proteins, healthy fats, and carbohydrates.

3. Arrive Early

Arriving early allows you to settle in and reduce anxiety. Take a few moments to review your notes or practice breathing exercises.

4. Read Instructions Carefully

Before starting the exam, take time to read the instructions thoroughly. Ensure you understand what is being asked in each section.

5. Manage Your Time

Keep an eye on the clock during the exam. Allocate your time wisely to ensure you can complete all questions.

Conclusion

The general psychology exam 2 is a comprehensive assessment that tests your understanding of fundamental psychological concepts. By focusing on the core topics, employing effective study strategies, and following tips for exam day, you can improve your performance and confidence. With diligent preparation and a positive mindset, you will be well-equipped to succeed in this critical examination. Remember, psychology is not just about memorizing facts; it's about understanding human behavior and applying that knowledge to real-world scenarios. Good luck!

Frequently Asked Questions

What are the key differences between classical and operant conditioning?

Classical conditioning involves learning through association, where a neutral stimulus becomes associated with a meaningful stimulus, leading to a conditioned response. Operant conditioning, on the other hand, involves learning through consequences, where behaviors are shaped by rewards or punishments.

How does the concept of cognitive dissonance apply to decision-making?

Cognitive dissonance refers to the discomfort experienced when holding conflicting beliefs or attitudes.

In decision-making, individuals may alter their beliefs to reduce dissonance after making a choice, often justifying their decision to align with their beliefs.

What are the stages of cognitive development according to Piaget?

Piaget's stages of cognitive development include: Sensorimotor (0-2 years), Preoperational (2-7 years), Concrete Operational (7-11 years), and Formal Operational (12 years and up). Each stage represents different ways of thinking and understanding the world.

What role does the amygdala play in emotional processing?

The amygdala is a key brain structure involved in emotional processing, particularly in the formation of emotional memories and the regulation of fear responses. It helps to assess threats and is crucial for the emotional aspects of memory.

What is the difference between intrinsic and extrinsic motivation?

Intrinsic motivation refers to engaging in behavior for its own sake, driven by internal rewards such as personal satisfaction or interest. Extrinsic motivation, however, involves engaging in behavior to earn external rewards or avoid negative outcomes.

How do attachment styles in childhood affect adult relationships?

Attachment styles formed in childhood, such as secure, anxious, or avoidant, can influence adult relationships by shaping expectations, emotional responses, and relationship behaviors. Secure attachment typically leads to healthier relationships, while insecure attachment may result in difficulties.

What is the significance of Maslow's hierarchy of needs?

Maslow's hierarchy of needs is a motivational theory that categorizes human needs into a five-tier model, ranging from basic physiological needs to self-actualization. It suggests that individuals must satisfy lower-level needs before they can address higher-level psychological and self-fulfillment needs.

What is the placebo effect and how does it demonstrate the power of belief?

The placebo effect occurs when individuals experience real changes in their condition after receiving a treatment that has no therapeutic effect, solely due to their belief in its efficacy. This phenomenon illustrates the significant role that belief and expectation play in psychological and physiological outcomes.

What are the major types of psychological disorders classified in the DSM-5?

The DSM-5 classifies psychological disorders into several major categories, including Anxiety Disorders, Mood Disorders, Psychotic Disorders, Personality Disorders, and Neurodevelopmental Disorders, among others. Each category encompasses specific disorders with distinct criteria for diagnosis.

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