



# PSYCHOLOGY

## REQUIRED READING

## History and Approaches (11–12%)

### History of Psychology

- **Chapter 1, Section 1.2** – *History of Psychology* (Overview of the field's development)

### Approaches to Psychology

- **Biological Approach** – **Chapter 11, Section 11.6** *Biological Approaches* (How biology influences personality)
- **Biopsychosocial Approach** – **Chapter 1, Section 1.3** *Contemporary Psychology* (Interaction of biological, psychological, and sociocultural factors)
- **Behavioral Approach** – **Chapter 11, Section 11.4** *Learning Approaches* (Behavioral theories of personality)
- **Cognitive Approach** – **Chapter 7, Section 7.1** *What Is Cognition?* (Cognitive processes)
- **Humanistic Approach** – **Chapter 11, Section 11.5** *Humanistic Approaches* (Humanistic theories of personality)

## Biological Bases of Behavior (8–9%)

- **Endocrine System** – **Chapter 3, Section 3.5** *The Endocrine System* (Hormone-producing glands and functions)
- **Functional Organization of the Nervous System** – **Chapter 3, Section 3.4** *The Brain and Spinal Cord* (Central nervous system structure and function)
- **Genetics** – **Chapter 3, Section 3.1** *Genetics and Behavior* (Heredity and genetic variation)
- **Neuroanatomy** – **Chapter 3, Section 3.4** *The Brain and Spinal Cord* (Brain and spinal cord structures and functions)
- **Physiological Techniques** – **Chapter 3, Section 3.3** *Studying the Nervous System* (Neuroimaging and electrophysiological recording)
- **Etiology** – **Chapter 15** *Psychological Disorders* (Causes of psychological disorders)

# Sensation and Perception (7–8%)

- **Attention** – Chapter 5, Section 5.1 *Sensation versus Perception*
- **Other Senses:**
  - **Somesthesis (Touch)** – Chapter 5, Section 5.5 *The Other Senses*
  - **Olfaction (Smell)** – Chapter 5, Section 5.5
  - **Gustation (Taste)** – Chapter 5, Section 5.5
  - **Vestibular System (Balance)** – Chapter 5, Section 5.5
- **Perceptual Development** – Chapter 9 *Lifespan Development*
- **Perceptual Processes** – Chapter 5, Section 5.6 *Gestalt Principles of Perception*
- **Receptor Processes:**
  - **Vision** – Chapter 5, Section 5.3 *Vision*
  - **Audition (Hearing)** – Chapter 5, Section 5.4 *Hearing*
- **Sensory Mechanisms:**
  - **Thresholds** – Chapter 5, Section 5.1
  - **Adaptation** – Chapter 5, Section 5.1

# States of Consciousness (5–6%)

- **Sleep and Dreaming** – Chapter 4, Sections 4.2–4.4 *Stages of Sleep, Dream Theories*
- **Psychoactive Drug Effects** – Chapter 4, Section 4.5 *Substance Use and Abuse*
- **Hypnosis and Meditation** – Chapter 4, Section 4.6 *Other States of Consciousness*

# Learning (8–9%)

- **Biological Bases of Learning** – Chapters 3 & 6 *Biopsychology & Learning*
- **Classical Conditioning** – Chapter 6, Section 6.2 *Classical Conditioning*
- **Operant Conditioning** – Chapter 6, Section 6.3 *Operant Conditioning*
- **Observational Learning** – Chapter 6, Section 6.4 *Modeling and Observational Learning*
- **Cognitive Processes in Learning** – Chapter 6 *Learning*

# Cognition (8–9%)

- **Intelligence and Creativity** – Chapter 7, Section 7.4 *What Are Intelligence and Creativity*
- **Language** – Chapter 7, Section 7.2 *Language*
- **Memory** – Chapter 8 *Memory (Encoding, Storage, Retrieval)*
- **Thinking and Problem-Solving** – Chapter 7, Section 7.3 *Problem Solving*

# Motivation and Emotion (5–6%)

- **Biological Bases** – Chapter 10, Section 10.1 *Motivation*
- **Hunger, Thirst, Sex, and Pain** – Chapter 10, Sections 10.2–10.3 *Hunger and Eating, Sexual Behavior*
- **Social Motivation** – Chapter 10, Section 10.1 *Achievement, Affiliation, and Intimacy Needs*

- **Theories of Emotion** – Chapter 10, Section 10.4 *Emotion*
- **Theories of Motivation** – Chapter 10, Section 10.1 *Drive Theory, Instinct Theory, Self-Efficacy*

## Developmental Psychology Across the Lifespan (8–9%)

- **Dimensions of Development** – Chapter 9, Section 9.1 *Lifespan Development*
- **Gender Identity and Sex Roles** – Chapter 10, Section 10.3 *Sexual Behavior and Gender Identity*
- **Heredity-Environment Issues** – Chapter 9 *Nature vs. Nurture Discussions*
- **Research Methods: Longitudinal & Cross-Sectional** – Chapter 2, Section 2.2 *Approaches to Research*
- **Theories of Development** – Chapter 9, Section 9.2 *Lifespan Theories (Piaget, Erikson, etc.)*

## Personality (7–8%)

- **Assessment Techniques** – Chapter 11, Section 11.9 *Personality Assessment*
- **Personality Theories and Approaches** – Chapters 11.2–11.7 (Psychodynamic, Trait, Humanistic, etc.)
- **Self-Concept and Self-Esteem** – Chapter 9, Section 9.3 *Stages of Development*
- **Growth and Adjustment** – Chapter 11, Section 11.5 *Humanistic Approaches (Self-Actualization)*

## Psychological Disorders and Health (8–9%)

- **Affective Disorders** – Chapter 15, Section 15.7 *Mood Disorders*
- **Anxiety Disorders** – Chapter 15, Section 15.4 *Anxiety Disorders*
- **Dissociative Disorders** – Chapter 15, Section 15.9 *Dissociative Disorders*
- **Personality Disorders** – Chapter 15, Section 15.11 *Personality Disorders*
- **Health, Stress, and Coping** – Chapter 14 *Stress, Lifestyle, and Health*

## Social Psychology (9–10%)

- **Aggression/Antisocial Behavior** – Chapter 12, Section 12.6 *Aggression*
- **Attitudes and Attitude Change** – Chapter 12, Section 12.5 *Attitudes and Persuasion*
- **Conformity, Compliance, and Obedience** – Chapter 12, Section 12.2 *Self-Presentation*
- **Group Dynamics** – Chapter 12, Section 12.4 *Group Interactions and Decision-Making*

## Statistics, Tests, and Measurement (3–4%)

- **Descriptive Statistics** – Introductory Statistics 2e, Chapter 2 *Descriptive Statistics*
- **Inferential Statistics** – Introductory Statistics 2e, Chapter 9 *Hypothesis Testing*
- **Measurement of Intelligence** – Chapter 7, Section 7.5 *Measures of Intelligence*

- **Reliability and Validity – Statistics & Psychology Textbooks**