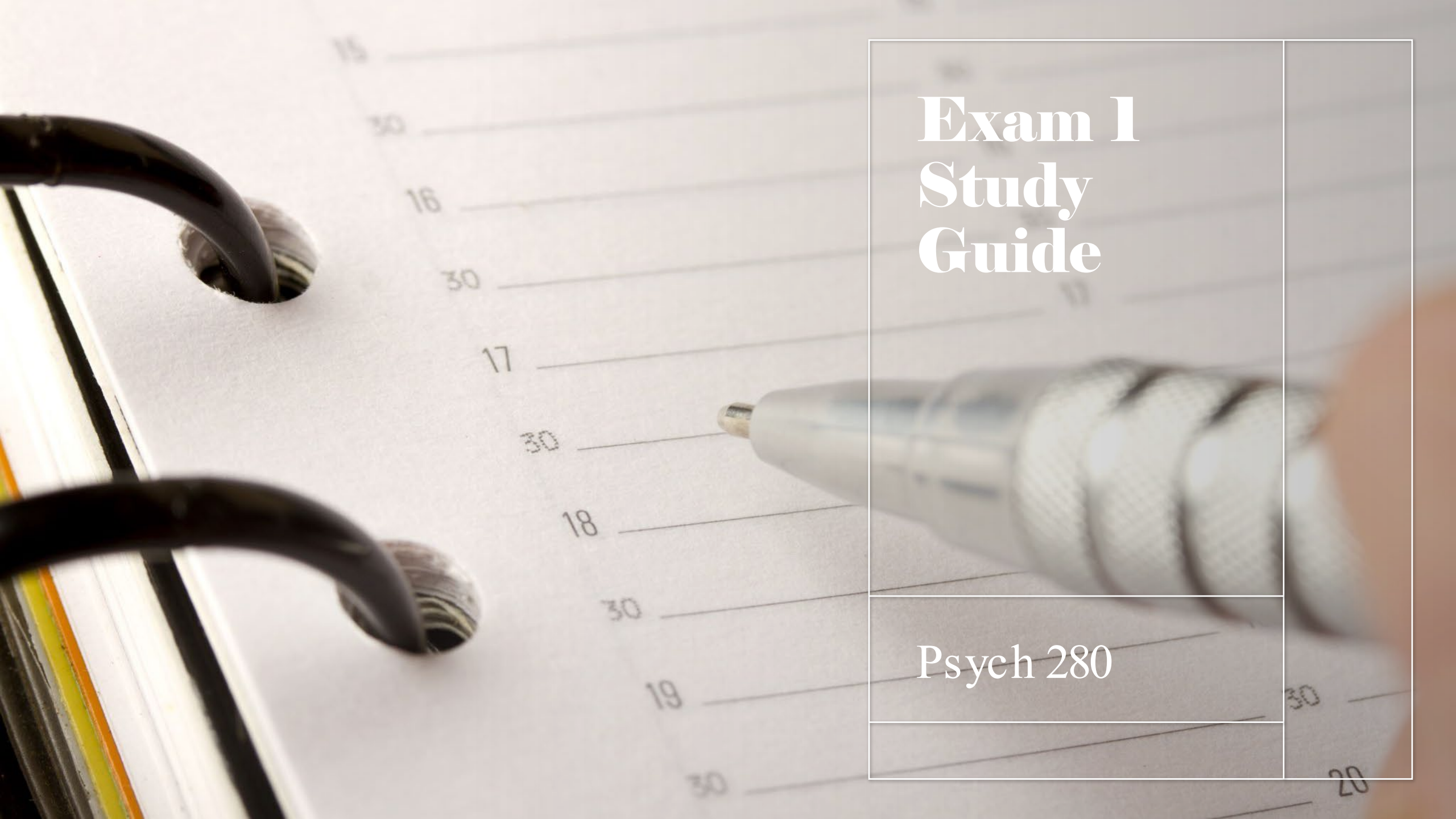


Exam 1 Study Guide

Psych 280

Chapter 1: Multiple Choice

- Ways of Knowing & Generating Ideas: Intuition & Authority Skepticism,& Empiricism,
- Goodstein's (2000) *Evolved Theory of Science*
  - *Science is Adversarial* *
  - *Scientists are not Alone*
- Empiricism, Falsifiability, Peer review, Pseudoscience
- Basic vs Applied research
- 4 Goals of Scientific Research



Chapter 2: Multiple Choice

- Prediction, Research Question, and Hypothesis
- Theory
- PsycINFO: What is it and how its it used?
- Know what's in all sections of a research article/paper:
  - title page,
  - abstract
  - Introduction
  - Method
  - results\
  - Discussion
  - references



Chapter 3: Multiple Choice

- Belmont Report & the three basic ethical principles: Beneficence, Respect for Persons (Autonomy), Justice
- Tuskegee Syphilis Study
- Milgram experiment
- Confidentiality
- Consent vs Assent
- Deception & Debriefing
- Exempt, minimal risk, and greater than minimal risk research



Chapter 9: Multiple Choice

- Straightforward vs Staged manipulations
- Confederate
- Strong vs Week manipulations
- Types of measures: Self-report, behavioral, physiological
  - What are they & Cost
- Sensitivity of the DV
- Ceiling vs Floor effects
- Internal validity & Control groups
- Pilot studies & Manipulations checks
- Single-blind vs Double –blind studies
- Demand Characteristics



Short Answer Questions

- Goodstein's (2000) *Evolved Theory of Science*, "Science is Adversarial"
- Three elements for inferring causation
- Two issues related to misrepresentation of research findings
- When exploring past research: things to consider when evaluating web information
- Stronger vs weaker experimental manipulations

