

Sample Study Guide – Outline Format

for Educational Psychology: Midterm 1

Intro – Book Chapter 1, Classes 1 and 2

1. What is Educational Psychology? – *branch of psychology → study of mental processes and behaviors associated with human learning and instruction. Also: nature of learners & learning, characteristics of effective teaching, how nature of classrooms affects learning.*
 - a) What are the INSTASC standards? – 1. Content Pedagogy, 2. Student dev, 3. Diverse Learners, 4. Multiple Instructional Strat, 5. Motivation and Management, 6. Comm and Tech, 7. Planning, 8. Assessment?, 9 Reflective Practice and Prof. Growth, 10. Schl and Community Involvement
2. How does Science and Theories relate to Educational Practice? *Science can explain what are the best educational practices and why, by testing theories*
 - a) What is the difference between **implicit theories** and **Scientific theories**? - *Theories are logical explanations/beliefs about how the world works, Implicit is informal beliefs/common sense, while scientific is formal, and describe variables and relationships.*
 - b) How do we compare theories? 3 dimensions-
 - i) **Characteristics**- *What all the theory is about (scope)*
 - ii) **Epistemic** – *How accurate/coherent/consistent/understandable is it*
 - iii) **Applicability** - *Can it be applied and used.*
3. How is theory and research used to improve teaching? *Because of the complexity of teaching, teachers must know how to utilize multiple theories*
 - a) How do theories inform decision making? *Theories can influence goals, student evaluation, and strategies used. Often times scientific studies are used as a starting point to add to personal experience. Theories allow one identify characteristics of problems, find patterns and identify principles that generate a solution.*
 - i) **Decision Points**- *Three decision points are: Planning decisions, Teaching and managing decisions, and assessment decisions.*
4. How are Teachers and Research related? *Answer...*
 - a) What are key considerations when conducting education research in the classroom? *Answer...*
 - b) What is the Tetrahedral Model and what are its components? *Answer...*
5. How does Theory and Research inform Textbook reading? *Answer...*
 - a) How do you select important information? *Answer...*
 - i) **Selection**- *definition...*
 - b) What are some ways information is Organized? *Answer...*
 - i) **Organization**- *definition...*
 - c) Why is integration important? *Answer....*
 - i) **Integration**- *definition...*

Behavioral Learn Theory – Book Chapter 2, Classes 3, 4 and 5

1. Describe the Behavioral View of Learning *Answer...*
 - a) What are the three types of Stimuli and how are they different? *Answer....*
 - b) How is learning measurable and observable? *Answer....*
2. What are the Behavioral Learning Models? *Answer...*
 - a) What is Contiguity learning and how is it used in the classroom? *Answer....*
 - b) Draw a diagram illustrating classical conditioning and label the CS, UCS, CR and UCR. *Answer....*

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Ian Pickup



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Table of Contents Sample Of A Study Guide

1. Understanding the eBook Sample Of A Study Guide
 - The Rise of Digital Reading Sample Of A Study Guide
 - Advantages of eBooks Over Traditional Books
2. Identifying Sample Of A Study Guide
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Sample Of A Study Guide
 - User-Friendly Interface
4. Exploring eBook Recommendations from Sample Of A Study Guide

- Personalized Recommendations
- Sample Of A Study Guide User Reviews and Ratings
- Sample Of A Study Guide and Bestseller Lists
- 5. Accessing Sample Of A Study Guide Free and Paid eBooks
 - Sample Of A Study Guide Public Domain eBooks
 - Sample Of A Study Guide eBook Subscription Services
 - Sample Of A Study Guide Budget-Friendly Options
- 6. Navigating Sample Of A Study Guide eBook Formats
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 - Sample Of A Study Guide Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sample Of A Study Guide
 - Highlighting and Note-Taking Sample Of A Study Guide
 - Interactive Elements Sample Of A Study Guide
- 8. Staying Engaged with Sample Of A Study Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Sample Of A Study Guide
- 9. Balancing eBooks and Physical Books Sample Of A Study Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Sample Of A Study Guide
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Sample Of A Study Guide
 - Setting Reading Goals Sample Of A Study Guide
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Sample Of A Study Guide

- Fact-Checking eBook Content of Sample Of A Study Guide
- Distinguishing Credible Sources

13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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