



SPPA 6750 Clinical Research Methodology

SPRING 2015

SAMPLE MIDTERM EXAM QUESTIONS

Multiple Choice

Select the best answer to each question. Print each answer, using CAPITAL letters, inside the box provided (Answer 50, 1.8 pts each)

- 1. Which of the following is an operational definition for dysphagia?
 - A. Occasional choking after swallowing
 - B. Chronic swallowing problems**
 - C. Drooling
 - D. Pocketing food

- 2. An example of a statement that infers causality:
 - A. Most speech-language pathologists prefer evidence-based practice.
 - B. Specific-language-impaired and typically-developing children have different conversational skills.
 - C. Fifty-percent of audiologists dispense hearing aids.
 - D. Dysphagia is sometimes a symptom of stroke.**

- 3. Quintiles are statistical boundaries that divide a set of data into _____ nearly equal parts.
 - A. 100
 - B. 5**
 - C. 4
 - D. 2

- 4. The complexity of research designs is increased by:
 - A. Adding independent variables
 - B. Increasing the number of groups
 - C. Adding conditions to the independent variable
 - D. All of the above**

- 5. A threat to an experiment's external validity.
 - A. Instrumentation effects
 - B. Novelty and disruption effects**
 - C. Attrition effects
 - D. Ambiguous temporal precedence

Short answer (100 words or less) (Answer 2, 5 pts each)

1. What are possible barriers to achieving informed consent?
2. What factors affect the "power" of a research design?
3. What is a "sample?" What is the difference between "simple random sampling" and "convenience sampling?"