Companion Quiz for Instructors’ Guide to Teaching Research

Name: ____________________________ Course: _________________

Multiple Choice
Identify the choice that best completes the statement or answers the question.

1. Which of the following terms is defined as an influence or prejudice in a particular direction which may pose a threat to objectivity of a study?
   a. Bias
   b. Control Group
   c. Sham
   d. Validity

2. Which of the following terms is a scale in which a patient or subject in a study indicates a level of agreement with statements that are arranged in order from more to less strong or vice versa?
   a. Likert scale
   b. Anecdotal evidence
   c. Visual Analog scale
   d. P-value
   e. ____________________________

3. ____________________________ is defined as a judgment of how well a study reflects reality.
   a. Reliability
   b. Internal validity
   c. External validity
   d. Visual analog

4. Which of the following types of studies would be research done in a controlled laboratory to examine molecular changes in tissues?
   a. Basic research
   b. Descriptive study
   c. Field study
   d. Observational study

5. Which type of research uses specific, precise measurements such as temperature, angles, or units of time?
   a. Qualitative research
   b. Quantitative research
   c. Subjective information
   d. Translational research

6. Using the research pyramid, which type of research study offers the greatest strength in evidence?
   a. Meta-analysis
   b. Pilot study
   c. Case report
   d. Anecdote

7. Which portion of a research study outlines the procedures of data collection and population selection?
   a. Introduction
   b. Methods
   c. Results
Conclusion

**Critical Thinking Questions**

*In this section, you will write a brief paragraph to answer each question.*

8. Explain how a massage therapist or bodywork practitioner could access research studies.

9. Describe the importance of identifying strengths and weaknesses in a research study. What are some common strengths and weaknesses of massage therapy research studies?

10. If you were able to design a research study for massage therapy what would the research study entail? Describe the population, data collection, measurements and parameters that you would use.