

REACTION PAPER 3

1. CHAPTER 7: (a) What is the primary difference between true experiments and quasi-experimental designs? (b) What are the main ethical concerns in experimental design? (c) Describe the characteristics of a true experiment. (d) In what situations is it ethical to deceive participants in an experiment? Provide an example that would ethically allow deception.

2. CHAPTER 8 (a) Consider the advantages and disadvantages of using an in-person survey, compared to a self-administered survey and a telephone survey. (b) Why are surveys so popular in the social sciences? (c) What is the difference between anonymity and confidentiality? (d) What are the major advantages and disadvantages of electronic surveys? (e) Describe four different ways that surveys can be administered? (f) What makes a good survey questionnaire? (g) Why are errors of non-observation critical in survey research?

3. CHAPTER 9: (a) Describe circumstances in which mean, median, and mode are best used as measures of central tendency. (b) Describe situations in which a variable's variability is best measured by the range, interquartile range, and standard deviation. (c) In what circumstances should data be grouped in frequency distributions? (d) How are the properties of a normal curve important for analyzing data? (e) How can statistics be unethically manipulated?