

Assignment 2

Weight: 25% of your final grade

Due: after Unit 12

Answer any **five** questions. Maximum 100 marks.

1. (20 marks)

In two pages, describe your own research as *correlational* research.

or

Identify variables of interest, “gather” fake data, and perform a mock correlational analysis.

2. (20 marks)

In your own words, describe any one of the following with an example:

- a. two groups design
- b. post-test only randomized controlled trial
- c. post-test only treatment comparison
- d. pre-test post-test randomized controlled trial
- e. pre-test post-test two treatment comparison
- f. three-group (or more) simple design
- g. factorial design
- h. parametric design
- i. matched design pairs
- j. repeated measure design
- k. mixed design

3. (20 marks)

In your own words, describe any one of the following with an example:

- a. quasi-experimental design
- b. single-case experimental design
- c. non-experimental fixed design

4. (20 marks)

Identify a research technique discussed in Unit 9 that would be useful for your own research. Describe your research in the context of the identified technique. Remember to identify hypotheses, data collection strategies, research design, useful statistics, and potential outcomes. Your report should not exceed three pages (750–900 words).

Speak with your tutor to pick another technique if your research does not relate to any of the techniques from this unit.

5. (20 marks)

Conceptualize, formulate, and describe, in up to three pages (750–900 words), your own research as *action research*. Is it advantageous to conceive of your research as action research? Explain.

6. (20 marks)

Prepare a 5-minute video of your presentation on a research topic of your choice.

or

Prepare a poster on a research topic of your choice.

or

Prepare a short PowerPoint presentation on a research topic of your choice.