

Exam is 15 points. There are 10 questions. Each question is worth 1.5 points. If there are sub questions, each part is worth an equal share of the 1.5 points.

1) Match Experiment Characteristic

Experiment Characteristic	Write Matching Letter	Description
Selection Bias		A. I evaluate a treatment and a control with one round of surveys after the intervention has been completed.
One group pretest posttest design.		B. The impact of the treatment is attributable to the passage of time as my baseline was run in time of multiple negative shocks.
Maturation		C. Impact Evaluation is conducted of a 3 year project in a site where the NGO implementing this project has been working for 16 years on other funded projects.
Poor Instrumentation		D. A threat to internal validity of my panel random survey sample of decision making by adolescent girls.
Static group comparison		E. I measure well-being by cash income when the majority of total income in my sample comes from home produced and consumed goods.
Statistical Regression to the mean		F. One pre-treatment and one post-treatment survey on a given treated sample with no control sample.

2) Writing survey questions.

- a. What is the main problem with the following question:

Do you not agree that we should not renegotiate NAFTA if the Canadians do not liberalize their maple syrup market? Yes No

- b. What is the main problem with the following question:

The PAIA department should eradicate all capstone simulation requirements for IR students and instead fund these students to go to Ibiza Spain on Spring break to broaden their understanding of global affairs.

Strongly disagree disagree neutral agree strongly agree

- c. What is the main problem with the following question:

Answering this question illustrates I am more knowledgeable about research methods in social science than when I started this class.

Agree Strongly Agree

- d. What is the main problem with the following question:

How much time did you study for this test in hours?

- Under 1 hour
- 1 hour to just under 3 hours
- 3 hours to just under 5 hours
- Over 10 hours

3) Road to Results.

a. How is monitoring different from evaluation?

b. Identify and briefly describe the five main components of a theory of change.

4. Research Methods.

a. What is meant by an 'emic' view?

b. Contrast inductive and deductive methods.

5. Monitoring and Evaluation.

a. What are the four purposes of evaluation research defined in the 'Road to Results'?

b. What are three distinct uses of evaluation results noted in 'Road to Results'?

6. Experimental methods.

a. Describe and justify the use of an experimental design to evaluate an intervention to 'raise the rent' for AQIM (Al Qaeda in the Islamic Maghreb) in Mali.

b. Contrast matching and randomization in an evaluation design for a 'raise the rent' project conducted in northern Mali.

7. In discussion of types of evaluations one could conduct, we talked about three types of evaluations that have different objectives and timing in the course of project implementation. What are the names, objectives, and timing of each type of evaluation?

8. Qualitative Research.

a. Describe what it means to be a 'participant observer' in qualitative research.

b. Note two distinct ethical challenges researchers confront when conducting 'participant observer' research.

c. Contrast research using a focus group with a 'participant observer' approach.

9) Describe the Solomon four-group design noting how it is a way to deal with the possibility that pre-testing interacts with the treatment stimulus.

10. Research terms:

a) What is meant by a double blind experimental design?

b) What is grounded theory?

c) What is a dependent variable and how does it differ from an independent variable?