

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 Design

Experiment Design	Write Matching Letter	Description
Panel with Maturation / passage of time		A. I evaluate a treatment and a control with one round of surveys after the intervention has been completed.
Static group comparison		B. Investigates what effect pretest may have on posttest outcome.
One group pretest posttest design.		C. I evaluate the treated group following administration of the treatment.
Solomon four group design		D. A threat to internal validity of my study based on panel survey data of social media use by youths ages 12 to 17.
Panel with Demoralization		E. The attrition / refusal rate in my control is 2 times larger than in my treatment after 3 years of survey work.
One group case study		F. Two survey rounds 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 disagree we should not send military troops to Syria? Yes No

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

The SU administration spends too much money on rolls of turf that it puts on the quad alongside the sidewalks before graduation. (circle one)

agree strongly agree

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

Do you agree with President Trump that the European Union was formed to rip off the US, and that he should “take on” the EU and China, so that the days of “disastrous trade deals” will be over, and this will Make America Great Again?

Agree Disagree Undecided

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

How old are you?

- Under 18
- 18 to 45
- 45 to 55
- Over 55

3) Road to Results.

- a. In discussing the types of evaluations one could conduct, we talked about three types of evaluations that have different objectives and timing in the course of a project being implemented. What are the names, objectives, and timing of each type of evaluation?

- b. Describe the use of indicators, and how one might use indicators in the second and third type of evaluations you defined in part a.

4. Research Methods.

a. What is meant by 'negative case analysis'?

b. Define and contrast deductive and inductive approaches to social science research.

5. Experimental design.

a. What is a 'double blind' experimental design?

b. How can an experimental design allow us to interpret a treatment effect on an outcome as causation rather than correlation?

6. Grounded Theory Approach.

a. Describe the grounded theory approach.

b. Explain the position grounded theory takes to reviewing existing literature on a research topic prior to conducting field research.

7. In discussion of focus groups, we noted some advantages and disadvantages of focus group methods. Identify and briefly describe three advantages and three disadvantages.

8. Qualitative Research.

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

b. A participant observer research proposal has been presented to a human subjects review board to investigate and contrast ISIS recruiting methods in Minneapolis and Mogadishu. Deception is being justified in the proposed research in anticipation of reactivity of the groups being observed. Discuss the ethics of deception in this case.

c. Contrast the role of 'the Martian' with the role of 'the convert' for a participant observer.

9. Research Design.

a. What does Babbie mean by 'unobtrusive research' and in what way does it address concerns about the Hawthorne effect?

b. Contrast "before and after" and "with and without" in research design.

c. Contrast random sampling with stratified random sampling.

10. Open or close ended.

<p>Have you ever been a member of a caravan headed towards the United States border?</p> <p>Yes No</p>	<p>Open Closed</p>
<p>How many times have you met with Russians in the past two years?</p> <ol style="list-style-type: none"> 1. 0 times 2. 1-2 times 3. 3-10 times 4. More than 10 times 	<p>Open Closed</p>
<p>If you did meet with Russians, what were the topics covered in your discussions with them?</p>	<p>Open Closed</p>
<p>Can you describe for me ways in which you think collusion and conspiracy differ?</p>	<p>Open Closed</p>
<p>Have you ever heard the term 'consumer incidence' applied to analysis of tariffs on imported goods from China?</p> <p>Yes No</p>	<p>Open Closed</p>