PAI 705 Research Design for IR Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Exam 2 Spring 2017

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

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| Experiment Design | Write Matching Letter | Description |
| Panel with Demoralization |  | 1. I evaluate a treatment and a control with one round of surveys after the intervention has been completed. |
| One group pretest posttest design. |  | 1. I evaluate the treated group following administration of the treatment. |
| Panel with Maturation / passage of time |  | 1. Investigates what effect pretest may have on posttest outcome. |
| Solomon four group design |  | 1. A threat to internal validity of my panel random survey sample of eating habits for youth age 10-14 that has been going on for 4 years. |
| Static group comparison |  | 1. The attrition / refusal rate in my control is 3 times larger than in my treatment after 2 years of survey work. |
| One group case study |  | 1. Two survey rounds on a given treated sample with no control sample. |

1. Writing survey questions.
   1. What is the main problem with the following question:

Do you agree we should legalize marijuana consumption, which is completely harmless and has major medical potential? Yes No

* 1. What is the main problem with the following question:

The I81 viaduct should be torn down, that surface area turned into a theme park that covers underground tunnels conveying 8 lanes of traffic in each direction underneath the SUNY Upstate hospital complex in Syracuse.

Strongly disagree disagree neutral agree strongly agree

* 1. What is the main problem with the following question:

I do not agree that we should impose sanctions on European countries who do not vote to leave the European Union. Agree Disagree Undecided

* 1. What is the main problem with the following question:

How old are you?

🗆 Under 18

🗆 18 to 45

🗆 45 to 55

🗆 Over 55

1. Road to Results.
   1. How is monitoring different from evaluation?
   2. What are performance indicators and what role do they play in project monitoring?

4. Research Methods.

a. What is meant by ‘negative case analysis’?

b. Is negative case analysis inductive or deductive? Explain.

5. “The Road to Results”.

a. What are the four purposes of evaluation?

b. What are the benefits of conducting an evaluation?

6. Grounded Theory Approach.

a. Describe the grounded theory approach.

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

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 a project being implemented. 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. What is a focus group, what are three advantages of using them for research and what are three disadvantages?

1. What is an emic view and what is an etic view in qualitative research?

9. Regression

a. What is one name commonly assigned to y as a description of what kind of variable is it?

b. What is one name commonly assigned to an ‘X’ variable as a description of what kind of variable is it?

* 1. Identify one of the assumptions about u that we use in regression analysis.
  2. If y is the outcome of a yes – no question, with yes=1 and no=1, what is one regression model we could use to investigate the influence of different independent variables on responses, and what assumption are we making about the distribution of the u term if we use this model?

10. Open or close ended.

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| Do you know people who have been blocked from entering the United States by a border wall with Mexico?  Yes No | Open Closed |
| How many times have you discussed a border wall with Mexico with family and friends?   1. 0 times 2. 1-2 times 3. 3-10 times 4. More than 10 times   98. Don't know  99. Prefer not to say | Open Closed |
| Please tell me about any border wall issues you have heard about or experienced. | Open Closed |
| Have you ever seen a border wall?  Yes No I don't remember I don't want to say | Open Closed |
| Does the United States share a border with Costa Rica?  Yes No I don't remember I don't want to say | Open Closed |