

95 Ph.D. Qualify Exam (Subject: Research Methods)

Four hours, closed book

1. Discuss the relative merits of and problems with:
 - (a) Rating and ranking scales? (5%)
 - (b) Likert and differential scales? (5%)
 - (c) Unidimensional and multidimensional scales? (5%)
2. What are the essential differences among data, method, researcher, and theory triangulation? (10%)?
3. Please distinguish between/among the following lists:
 - (a) Methodology vs. research method (5%)
 - (b) Pretest vs. pilot study (10%)
4. Many forms of validity are mentioned in the research literature, please list five types of them? what is measured? What methods can be use to measure it? (15%)
5. Please discuss the problems of, and recommend the treatments for, nonresponse error in IS research using questionnaires? (15%)
6. Analyze the following interview statement provided by 10 informants, in terms of **open coding** (coding lists or book) (10%), **axial coding** (10%), to produce possible **propositions** (10%).