

**Dissertation Workshop: Exercise 4 Solutions**  
**Johns Hopkins Bloomberg School of Public Health OpenCourseWare**

**I. Methods of Data Collection** (Correct answers are shown in **BOLD**)

Method	Design	Depth	Flexibility	Quantification	Time To Do
<b>Interview</b>	A. <b>Easy</b> B. Difficult C. Varies	A. Less <b>B. More</b> C. Varies	A. <b>Much</b> B. Average C. Less D. Varies	A. Easy <b>B. Difficult</b> C. Varies	A. <b>Much</b> B. Average C. Less D. Varies
<b>Group Interview</b>	A. <b>Easy</b> B. Difficult C. Varies	A. Less <b>B. More</b> C. Varies	A. <b>Much</b> B. Average C. Less D. Varies	A. Easy <b>B. Difficult</b> C. Varies	A. Much <b>B. Average</b> C. Less D. Varies
<b>Questionnaire</b>	A. Easy <b>B. Difficult</b> C. Varies	A. <b>Less</b> B. More C. Varies	A. Much B. Average <b>C. Less</b> D. Varies	A. Easy <b>B. Difficult</b> C. Varies	A. Much B. Average <b>C. Less</b> D. Varies
<b>Observation</b>	A. Easy B. Difficult <b>C. Varies</b>	A. Less <b>B. More</b> C. Varies	A. Much B. Average C. Less <b>D. Varies</b>	A. Easy B. Difficult <b>C. Varies</b>	A. <b>Much</b> B. Average C. Less D. Varies
<b>Records &amp; Documents</b>	A. <b>Easy</b> B. Difficult C. Varies	A. Less B. More <b>C. Varies</b>	A. Much B. Average <b>C. Less</b> D. Varies	A. <b>Easy</b> B. Difficult C. Varies	A. Much B. Average <b>C. Less</b> D. Varies
<b>Projective (drawings, skits, collages, fantasy)</b>	A. <b>Easy</b> B. Difficult C. Varies	A. Less B. More <b>C. Varies</b>	A. <b>Much</b> B. Average C. Less D. Varies	A. Easy <b>B. Difficult</b> C. Varies	A. Much B. Average <b>C. Less</b> D. Varies

**II. During the PRETEST there are several components of the data gathering methodology which should be examined. For each of the four, identify the ways to evaluate each component.**

1. Sampling procedure
  - A. Clarity of instructions to interviewers on which houses to visit - **True**
  - B. Time required to identify individuals to be interviewed - **True**
  - C. The number of samples to take – **False: this is done when calculating sample size.**
  
2. Reaction of the respondents to the Research Procedures
  - A. Availability of respondents - **True**
  - B. Acceptability of data gathering methods - **True**
  - C. Willingness to answer questions - **True**
  - D. Health of the respondent – **False: this is what you might assess from your study data.**
  
3. Data Collection Tools
  - A. Are the survey instrument reliable - **True**
  - B. Is the sequence of questions logical - **True**
  - C. Are questions clear - **True**
  - D. Do respondents need to be prompted to answer - **True**
  - E. Do questions need to be added - **True**

- F. Is the translation accurate - **True**
4. Staffing and Field Work
- A. Have the interviewers been trained adequately - **True**
  - B. Are the interviews proceeding on schedule - **True**
  - C. Do staff have the supplies and transportation they need to get the job done - **True**
  - D. Are the staff being non-judgmental and objective when interviewing respondents - **True**
  - E. Is supervision and quality control adequate - **True**
  - F. Do the data confirm the hypothesis – **False: this question is addressed during analysis.**

### III. References

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