

Quiz Chapter 7

I will **not** include Chapter 7 questions into Tests 2 and 3, nor into the final exam. This quiz is just for those who may encounter data ethics related issues in projects that they may conduct in some other courses

1. Research studies that collect data from people must follow ethical guidelines. Some basic ethical principles for these studies are

- a. advance review by an institutional review board.
- b. informed consent by the subjects.
- c. all data, including that on all other subjects in order to confirm that each subject was treated like all the others, are released to each subject after completion.
- d. Answers A, B, and C are correct.
- e. Both A and B are correct.

2. Josh is enrolling human participants in a study that will test whether drivers stop more quickly for men or women in a crosswalk when the pedestrian is disobeying the crossing signal. Because no one would sign up for the study if he were to tell them of its dangerous nature, he advertises it as a "study involving a walk outside."

What principle of research is Josh violating?

- a. Anonymity
- b. Informed consent
- c. Confidentiality
- d. Placebo control

3. Suppose you want to survey students to find out what proportion have illegally used prescription drugs. In order to maximize the number of truthful responses, your survey should be

- a. anonymous.
- b. confidential.
- c. both anonymous and confidential.
- d. neither anonymous nor confidential.

4. A professor asks each of his students to stand up one at a time and report how many pets they have. The students do not state their names. This survey is considered to be

- a. anonymous.
- b. confidential.
- c. both anonymous and confidential.
- d. neither anonymous nor confidential.

5. A study in which the individual responses are not shared outside the research group and cannot be matched to individual subjects by the researchers is considered to be

- a. anonymous.
- b. confidential.
- c. both anonymous and confidential.
- d. neither anonymous nor confidential.

Quiz Chapter 7

6. What is an IRB?

- a. Institutional Review Board: a committee established to review and approve research involving human subjects.
- b. Institutional Research Board: ensures that all human subject research can be conducted in accordance with all federal, institutional, and ethical guidelines.
- c. Investigative Review Board: a type of committee used in research in the United States.
- d. Investigative Review Board: an appropriately constituted group that has been formally designated to review and monitor biomedical research involving human subjects.

7. All statistical studies that collect data from people should follow some basic ethical standards. Some of these ethical standards are

- a. never use random selection to choose among people.
- b. keep data on individuals confidential.
- c. get informed consent before collecting data.
- d. Both B and C are correct.
- e. Answers A, B, and C are basic ethical standards.

8. Ethical standards for randomized, controlled clinical trials include

- a. not asking subjects to agree to participate without first informing them of the nature of the study and possible risks and benefits.
- b. insuring that each subject knows which treatment he or she received.
- c. allowing subjects to decide whether or not to be in the control group.
- d. never testing drugs that have not been proven to be completely safe.
- e. All of the above

9. Any institution that does research with human subjects must be sure that the research obeys all the standards that protect the human subjects from harm. The entity responsible for this is called the

- a. institutional review board.
- b. National Science Foundation.
- c. National Institutes of Health.
- d. Centers for Disease Control.
- e. Bureau of Labor Statistics.

10. Professor Lilli Gans wishes to study the relationship between people's zodiac sign and their political opinions. She asks the students filling out her questionnaire to put their names on the front so she can ask for clarification or elaboration of some answers later. However, she promises that no one other than she will find out who gave what answer. Professor Gans is promising:

- a. both anonymous and confidential.
- b. anonymous but not necessarily confidential.
- c. confidential but not necessarily anonymous.
- d. neither anonymous nor confidential.

Name: _____ Class: _____ Date: _____

Quiz Chapter 7

Answer Key

1. e
2. b
3. a
4. d
5. c
6. a
7. d
8. a
9. a
10. c