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Which of the following is a definition of hypothesis?

- a. A system of interrelated ideas used to explain a set of observations
- b. A tentative statement about the relationship between two or more variables
- 1. c. A condition or event that an experimenter manipulates to gauge its effect
- d. The specified actions or operations that will be used to control a variable

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In an experiment, the dependent variable is usually

- a. measured.
- b. varied.
- 2. c. controlled.
- d. manipulated.

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In the Stanley Schachter experiment on need for affiliation and stress, one group was made anxious by being told that they were about to receive electric shock, whereas a second group was not told anything. Then both groups were measured for their need to be with others. The people who were not told about electric shocks were the

- a. experimental group.
- b. independent variable.
- 3. c. control group.
- d. dependent variable.

The main advantage of experimental research is that it

- a. is applicable to all research questions.
- b. allows for random sampling.
- 4. c. clarifies cause and effect.
- d. is highly realistic.

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One disadvantage of experimental research is that it

- a. may not translate to real life.
- b. often involves ethical concerns.
- 5. c. does not allow for precise control of variables.
- d. only allows for manipulation of one independent variable.

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What does a negative correlation mean?

- a. That two variables tend to decrease together.
- b. That as one variable increases, the other decreases.
- 6. c. That there is no relationship between the two variables.
- d. That the strength of the correlation between two variables is weak.

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Which of the following is a perfect correlation?

- a. .99
- 7. b. -1.00
- c. 0
- d. .10

Which realistic research method is used to study animal behavior?

- a. naturalistic observation
- b. archival study
- 8. c. case study
- d. experiment

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What's the main problem with case studies?

- a. subjectivity
- b. reactivity
- 9. c. artificiality
- d. dependence on self-report data

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Which research method enables researchers to obtain information about aspects of behavior that are difficult to witness directly and to sample large numbers of participants' attitudes and opinions?

- a. naturalistic observation
- b. the survey
- 10. c. the case study
- d. the experiment

Combining the statistical results of many studies of the same question in order to zero in on a variable's size and consistent effect is called

- a. peer review.
- b. replication.
- 11. c. a halo effect.
- d. a meta-analysis.

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What type of bias is it when a person answers questions in a way calculated to produce a favorable impression about him or her self?

- a. the placebo effect
- b. social desirability bias
- 12. c. sampling bias
- d. the halo effect

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Which of the following occurs in a double-blind procedure?

- a. The experimenter only tells the participants in the experimental group which group they are in.
- b. Neither the experimenter nor the participants know who belongs to which group, control or experimental.
- 13. c. The experimenter does not tell the participants whether they are in the control or the experimental group.
- d. The experimenter only tells the participants in the control group which group they are in.

What was one conclusion of research that reviewed the use of deception in psychological studies?

- a. Most participants reported that having been deceived undermined their trust in others.
- 14. b. Most participants reported that the experience was very stressful.
- c. Most participants reported that they enjoyed the experience.
- d. Most participants reported that they felt foolish when the true nature of the study was explained.

What percentage of psychological studies involves animals?

- a. 30%-35%
- b. Almost 60%
- 15. c. 7%-8%
- d. 15%-20%

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Animal studies in psychology mostly use

- a. cats.
- b. dogs.
- 16. c. monkeys or gorillas.
- d. birds and rodents.

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Which of the following is TRUE about the database PsycINFO?

- a. It lists articles by author name only.
- 17. b. It can be accessed online.
- c. It contains copies of entire journal articles.
- d. It covers about 500 journals.

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In a journal article, what section is called an abstract?

18. a. a thorough description of the procedures used in the study
- b. the list of references at the end of an article
- c. a concise summary that appears at the beginning of an article
- d. an overview of the problem studied in the research

The "I have a friend who..." syndrome involves

19. a. peer review.
- b. reactivity.
- c. anecdotal evidence.
- d. evidence-based decision making.

Anecdotal evidence is analogous to which research method?

20. a. a survey
- b. an archival study
- c. an experiment
- d. a case study

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