



More Than 2000 Solved MCQs of STA630 Research Method &

Short Questions Answers

By

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1- Hypothesis refers to

- A. The outcome of an experiment
- B. A conclusion drawn from an experiment
- C. A form of bias in which the subject tries to outguess the experimenter
- D. A tentative statement about the relationship**

2- Statistics is used by researchers to

- A. Analyze the empirical data collected in a study**
- B. Make their findings sound better
- C. Operationally define their variables
- D. Ensure the study comes out the way it was intended

3- A literature review requires

- A. Planning
- B. Good & clear writing
- C. Lot of rewriting
- D. All of the above**

4- A literature review is based on the assumption that

- A. Copy from the work of others
- B. Knowledge accumulates and learns from the work of others**
- C. Knowledge disaccumulates
- D. None of the above option

5- A theoretical framework

- A. Elaborates the r/s among the variables
- B. Explains the logic underlying these r/s
- C. Describes the nature and direction of the r/s
- D. All of the above**



6- Which of the following statement is not true?

- A. A research proposal is a document that presents a plan for a project
- B. A research proposal shows that the researcher is capable of successfully conducting the proposed research project
- C. A research proposal is an unorganized and unplanned project**
- D. A research proposal is just like a research report and written before the research project

7- Preliminary data collection is a part of the

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- A. Descriptive research
- B. Exploratory research**
- C. Applied research
- D. Explanatory research

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8- Conducting surveys is the most common method of generating

- A. Primary data**
- B. Secondary data
- C. Qualitative data
- D. None of the above

9- After identifying the important variables and establishing the logical reasoning in theoretical framework, the next step in the research process is

- A. To conduct surveys
- B. To generate the hypothesis**
- C. To focus group discussions
- D. To use experiments in an investigation

10- The appropriate analytical technique is determined by

- A. The research design
- B. Nature of the data collected
- C. Nature of the hypothesis
- D. Both A & B**



11- Personal interviews conducted in shopping malls are known as:

- a. Mall interviews
- b. Mall intercept interviews**
- c. Brief interviews

- d. None of the given options

12-WATS lines provided by long distance telephone service at fixed rates. In this regard, WATS is the abbreviation of:

- e. West Africa Theological Seminary
- f. Washtenaw Area Transportation Study
- g. Wide Area Telecommunications Service**
- h. World Air Transport Statistics

13-A list of questions which is handed over to the respondent, who reads the questions and records the answers himself is known as the:

- i. Interview schedule
- j. Questionnaire**
- k. Interview guide
- l. All of the given options


14-One of the most critical stages in the survey research process is:

- m. Research design
- n. Questionnaire design**
- o. Interview design
- p. Survey design

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15-Question that consists of two or more questions joined together is called a:

- q. Double barreled question**
- r. General question
- s. Accurate question
- t. Confusing question



16-The number of questionnaires returned or completed divided by the total number of eligible people who were contacted or asked to participate in the survey is called the:

u. Response rate

v. Participation rate

w. Inflation rate

x. None of the given options

17-To obtain the freest opinion of the respondent, when we ask general question before a specific question then this procedure is called as the:

y. Research technique

z. Qualitative technique

aa. Funnel technique

bb. Quantitative technique

18-A small scale trial run of a particular component is known as:

cc. Pilot testing

dd. Pre-testing

ee. Lab experiments

ff. Both A & B

18-Field testing of the questionnaire shows that:

gg. Respondents are willing to co-operate

hh. Respondents are not willing to co-operate

ii. Respondents do not like any participation

jj. All of the given options

19- Service evaluation of hotels and restaurants can be done by the:

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kk. Self-administered questionnaires

ll. Office assistant

mm. Manager

nn. None of the given options

20- Service evaluation of hotels and restaurants can be done by the:

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rr. None of the given options

21-Discrete variable is also called.....

A. Categorical variable

B. Discontinuous variable

C. Both A & B

D. None of the above

22-“Officers in my organization have higher than average level of commitment” Such a hypothesis is an example of.....

A. Descriptive Hypothesis

B. Directional Hypothesis

C. Relational Hypothesis

D. All of the above

23-‘Science’ refers to.....

A. A system for producing knowledge

B. The knowledge produced by a system

C. Both A & B

D. None of the above

24-Which one of the following is not a characteristic of scientific method?

A. Deterministic

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B. Rationalism

C. Empirical

D. Abstraction

25-The theoretical framework discusses the interrelationships among the.....

A. Variables

B. Hypothesis

C. Concept

D. Theory

26-.....research is based on naturalism.

- A. Field research**
- B. Descriptive research
- C. Basic research
- D. Applied research

27-Personal interviews conducted in shopping malls are known as.....

- E. Mall interviews
- F. Mall intercept interviews**
- G. Brief interviews
- H. None of the given options

28- is used to obtain the freest opinion of the respondent, by asking general question before a specific question.

- I. Research technique
- J. Qualitative technique
- K. Funnel technique**
- L. Quantitative technique

29-In, _____ the interviewer and members jointly control the pace and direction of the interview.

- M. Field interview**
- N. Telephonic interview
- O. Both A and B
- P. None of the given options

30-Randomization of test units is a part of

- Q. Pretest
- R. Posttest
- S. Matching
- T. Experiment**

31- Rationalism is the application of which of the following?

- A. Logic and arguments**
- B. Research solution
- C. Reasoning
- D. Previous findings



32- On which of the following, scientific knowledge mostly relies?

A. Logical understanding

B. Identification of events

C. Prior knowledge

D. All of the given options

33- Which of the following refers to research supported by measurable evidence?

A. Opinion

B. Empiricism

C. Speculation

D. Rationalism

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34-Research method is applicable in all of the following fields, EXCEPT;

A. Health care

B. Religion

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C. Business

D. Government offices

35- All of the following are true statements about action research, EXCEPT;

A. Data are systematically analyzed

B. Data are collected systematically

C. Results are generalizable

D. Results are used to improve practice


36-Which of the following is characteristic of action research?

A. Variables are tightly controlled

B. Results are generalizable

C. Data are usually qualitative

D. Results demonstrate cause-and-effect relationships



37-If a researcher is studying the effect of using laptops in his classroom to ascertain their merit and worth; he is likely conducting which of the following types of research?

- A. Experimental
- B. Applied
- C. Basic
- D. Evaluation**

38- Exploratory research addresses which of the following types of question?

- A. If
- B. How
- C. Why
- D. What**

39- Which of the following is not the source for getting information for exploratory research?

- A. Content analysis**
- B. Survey
- C. Case study
- D. Pilot study

40- Which of the following is the main quality of a good theory?

- A. A theory that has survived attempts at falsification**
- B. A theory that is proven to be right
- C. A theory that has been disproved
- D. A theory that has been falsified

41- A variable that is presumed to cause a change in another variable is known as:

- A. Discontinuous variable
- B. Dependent variable
- C. Independent variable**
- D. Intervening variable

42- Which of the following is the opposite of a variable?

- A. An extraneous variable
- B. A dependent variable
- C. A data set



D. A constant

43- Which of the following is not a concept?

- A. Leadership
- B. Total Quality Management

C. Intelligence Quotient (IQ)

- D. Human Resource Management

44- Which of the following can best be described as a categorical variable?

- A. Age
- B. Annual income
- C. Grade point average

D. Religion

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45-“Income distribution of employees” in a specific organization is an example of which of following type of variable?

- A. Discontinuous variable

B. Continuous variable

- C. Dependent variable
- D. Independent variable

46-“There is no relationship between higher motivation level and higher efficiency” is an example of which type of hypothesis?

- A. Alternative

B. Null

- C. Co relational
- D. Research

47- Which of the following is not a role of hypothesis?

- A. Guides the direction of the study
- B. Determine feasibility of conducting the study**
- C. Identifies relevant and irrelevant facts
- D. Provides framework for organizing the conclusions



48-Hypothesis test may also be called as:

- A. Informal test
- B. Significance test**
- C. Moderating test
- D. T-test

49-Which type of review compares how different theories address an issue?

- A. Context review
- B. Integrated review
- C. Theoretical review**
- D. Methodological review

50-After you locate a source, you should write down all details of the reference, EXCEPT;

- A. Volumes
- B. Titles
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- D. Full names of the authors

51- _____ research is based on naturalism.

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52- Personal interviews conducted in shopping malls are known as _____

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53- _____ is used to obtain the freest opinion of the respondent, by asking general question before a specific question.

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- B. Qualitative technique
- C. Funnel technique**
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54- In, _____ the interviewer and members jointly control the pace and direction of the interview.

A. Field interview

B. Telephonic interview

C. Both A and B

D. None of the given options

Research Method (STA 630) Success Objectives

55- Randomization of test units is a part of _____

A. Pretest

B. Posttest

C. Matching

D. Experiment

56- Which one of the following sets is the measure of central tendency?

a. Mean, standard deviation, mode

b. Mean, median, standard deviation

c. Arithmetic mean, median, mode

d. Standard deviation, internal validity, mode

57- Internal validity refers to.

a. Researcher's degree of confidence.

b. Generalisability

c. Operationalization

d. All of the above

58- How many times the students appear in the research class is the example of _____.

a. Intensity

b. Space

c. Frequency

d. Direction

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59- Time consumed in mall intercept interview is .

- a. High
- b. Moderate**
- c. Low
- d. Nil

60- Departmental stores selected to test a new merchandising display system is the example of .

- a. Quota sampling
- b. Convenience sampling
- c. Judgmental sampling**
- d. Purposive sampling

61- In _____, the researcher attempts to control and/ or manipulate the variables in the study.

- 1. Experiment**
- 2. Hypothesis
- 3. Theoretical framework
- 4. Research design

62- In an experimental research study, the primary goal is to isolate and identify the effect produced by the ____.

- 1. Dependent variable
- 2. Extraneous variable
- 3. Independent variable**
- 4. Confounding variable

63- A measure is reliable if it provides consistent _____.

- 1. Hypothesis
- 2. Results**
- 3. Procedure
- 4. Sensitivity

64- The interview in which questions are already prepared is called _____.

1. Telephonic interview

2. Personal interview

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3. Unstructured interview

4. Structured interview

65-The numerical description that describe sample may be expected to differ from those that describe population because of random fluctuations inherent in sampling process.

1. Sampling design

2. Non-probability sampling

3. Sampling error

4. Probability sampling

66- In _____ , each population element has a known and equal chance of selection.

1. Purposive sampling

2. Quota sampling

3. Stratified sampling

4. Simple random sampling

67- _____ is the evidence that the instrument, techniques, or process used to measure concept does indeed measure the intended concepts.

1. Reliability

2. Replicability

3. Scaling

4. Validity

68- A researcher is interested in studying why the “new math” of the 1960s failed. She interviews several teachers who used the new math during the 1960s. These teachers are considered as:

1. Primary sources

2. Secondary Sources

3. External critics

4. Internal critics

69- Which of the following is NOT true about stratified random sampling?

1. It involves a random selection process from identified subgroups
- 2. Proportions of groups in the sample must always match their population proportions**
3. Disproportional stratified random sampling is especially helpful for getting large enough subgroup samples when subgroup comparisons are to be done
4. Proportional stratified random sampling yields a representative sample

70- Experimental design is the only appropriate design where _____ relationship can be established.

1. Strong
2. Linear
3. Weak
- 4. Cause and Effect**

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Research Method (STA 630) Success Objectives

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
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- B. Null**
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- A. Guides the direction of the study
- B. Determine feasibility of conducting the study**
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- C. Price**
- D. Full names of the authors

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109. What is the primary focus of establishment surveys in this case study?

- A. Collect the data through past studies
- B. Analyze the literature review
- C. Using of quantitative techniques
- D. Data collection through mail and Interview**

110. Which one of following is generally common in establishment survey and household survey?

- A. Cognitive recall**
- B. Homogenous respondents
- C. Error free
- D. Response burden

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111. Which one of the following is not of important consideration in establishment survey while designing questionnaires?

- A. Response burden
- B. Professional terminology
- C. Cognitive recall**
- D. Use of Records

112. Which of the following method of data collection is not discussed in the case study?

- A. Questionnaires
- B. Interviews
- C. Mail survey
- D. Observations**

113. Which of the following sampling technique is used for Employee Turnover and Job Openings survey?

- A. Simple random sampling
- B. Cluster sampling
- C. Stratified sampling**
- D. Convenience sampling



114. Which one of the following is the limitation of establishment survey in this case study?

A. Cost

B. Limited data

C. Unskilled interviewer

D. Small sample size

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115. Which of the following is not the part of specific protocol of focus groups in ETJO?

A. Concept and indicators

B. Definition

C. Availability of records

D. Cognitive recall

116. Which of the following is the draw back of pretest interview in ETJO survey?

A. Small simple size

B. Non cooperative response

C. Probing

D. Questionnaire format

117. Which of the following method of data collection is not used in the case study?

A. Questionnaires

B. Focus groups

C. Correlational method

D. Secondary data

118. What is the basic purpose of ETJO survey?

A. To assess the feasibility of collecting job-vacancy and turnover data by occupation

B. To analyze the problem of labor shortage

C. To assess the motivation level of employees

D. To analyze the factor contributing towards employee turnover

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119. Which of the following is the basic purpose of pretest interview in this case study?

A. To identified the potential problem

B. To know the sample size

C. To develop the questionnaire

D. To use agency representative

120. Which one of the following sampling type is used in operations test to select the units?

A. Simple random sampling

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B. Cluster sampling

C. Quota sampling

D. Judgment sampling

121. Which of the following is the basic purpose of Response analysis survey in the case study?

A. To assess the quality of ETJO survey data

B. To know the sample size of ETJO survey data

C. To develop the questionnaire for ETJO

D. To use agency representative for ETJO

122. After Operation test, which of the following test findings were suggested by the researcher?

A. Need of highly skilled and well trained interviewer

B. Sample size should be increased

C. A decent increase in survey budget

D. Focus group should be included


123. In which one of the following stage researcher consult the literature?

A. Operation test

B. Response analysis survey

C. Document design analysis

D. Pretest interviews



124. Which one of the following sampling type is used in Response analysis survey (RAS)?

- A. Simple random sampling
- B. Cluster sampling
- C. Quota sampling
- D. Stratified sampling**

125. Which one of the following could be helpful for minimizing the bias in this case study?

- A. Cognitive research
- B. Focus group
- C. Pretest Interview**
- D. Response analysis survey

126. Which one of the following is useful in assessing and clarifying concepts and definitions at the beginning stages of questionnaire?

- A. Operation test
- B. Document design analysis
- C. Focus group**
- D. Response analysis survey

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127. Which one of the following can be more helpful than others in order to determine the exact source of measurement errors in establishment survey?

- A. Focus group
- B. Operation test
- C. Response analysis survey**
- D. Document design analysis

Who, among the following, wrote the book "Research Methods for Business"?

- 
- ▶ Zikmund, W.
 - ▶ **Sekaran, U.**
 - ▶ Dessler, G.
 - ▶ Neuman, W.C.

Question No: 2 (Marks: 1) - Please choose one

What does an empiricist believe?

- ▶ All the knowledge that we have of life after death can be used in research.
- ▶ **Knowledge in the form of ‘facts’ should be gained through sensory experience.**
- ▶ Research conducted within the British Empire was biased and unreliable.
- ▶ Research should not always necessarily rely on the scientific methods.

Question No: 3 (Marks: 1) - Please choose one

Action research usually takes place in a single school because;

- ▶ **It is designed to answer questions about improving practice in a particular setting.**
- ▶ It is difficult to secure permission to study students in multiple schools.
- ▶ Teachers do not have the necessary skills to conduct research across multiple settings.
- ▶ Data collection methods used in action research are designed for single settings.

Question No: 4 (Marks: 1) - Please choose one

Which of the following is characteristic of action research?

- ▶ Variables are tightly controlled.
- ▶ Results are generalizable.
- ▶ Results demonstrate cause-and-effect relationships.
- ▶ **Data are usually qualitative.**

Question No: 5 (Marks: 1) - Please choose one

Which of the following statements is TRUE for qualitative research question?

- ▶ **It asks a question about some process, or phenomenon to be explored.**

- ▶ It is generally an open-ended question.
- ▶ It asks a question which may be open ended.
- ▶ It asks a closed ended question.

Question No: 6 (Marks: 1) - Please choose one

Which of the following is NOT an example of quantitative variable?

- ▶ Age
- ▶ Grade point average
- ▶ Gender
- ▶ **Motivation**

Question No: 7 (Marks: 1) - Please choose one

In research, something that does not “vary” is known as:

- ▶ Variable
- ▶ Method
- ▶ **Constant**
- ▶ Control group

Question No: 8 (Marks: 1) - Please choose one

The cause variable or the one that identifies forces or conditions that act on something else is known as:

- ▶ Moderating variable
- ▶ **Independent variable**
- ▶ Categorical variable
- ▶ Dependent variable

Question No: 9 (Marks: 1) - Please choose one

Which of the following statements best defines hypothesis?

- ▶ A quantitative study.

- ▶ **A tentative prediction of the results of the research.**
- ▶ A qualitative research design.
- ▶ The operational definition of the study.

Question No: 10 (Marks: 1) - Please choose one

Which of the following is the characteristic/s of Hypotheses in qualitative research studies?

- ▶ Hypotheses are very specific and stated prior to beginning the study.
- ▶ Hypotheses are never used.
- ▶ **Hypotheses are often generated as the data are collected, interpreted, and analyzed.**
- ▶ Hypotheses are always stated after the research study has been completed.

Question No: 11 (Marks: 1) - Please choose one

Hypothesis test may also be called as:

- ▶ Informal test
- ▶ Moderating test
- ▶ **Significance test**
- ▶ t-test

Question No: 12 (Marks: 1) - Please choose one


Which of the following refers to "A review that only demonstrates familiarity with an area is rarely published but it often is part of an educational program is which type of review"?

- ▶ Integrative review
- ▶ Theoretical review
- ▶ Self-study review
- ▶ **Historical review**

Question No: 13 (Marks: 1) - Please choose one

Which one of the following tasks is NOT accomplished by theoretical framework?

- ▶ Elaborate the relationship among the variables

- 
- ▶ Explain the logic underlying the relationship between the variables.
 - ▶ Describe the nature, and direction of the relationships among the variables.
 - ▶ **Relates the previous studies.**

Question No: 14 (Marks: 1) - Please choose one

Which of the following strategies is useful when defining a particular research question?

- ▶ **To clearly articulate the research question, to provide operational, definitions and ensuring its testability.**
- ▶ To clearly articulate the research question, outlining the conditions in which the phenomena of interest are to be investigated.
- ▶ To provide operational definitions of the ideas or concepts involved in the research.
- ▶ Ensuring that their research question is empirically testable.

Question No: 15 (Marks: 1) - Please choose one

What should the business researcher be aware of when signing a confidentiality agreement?

- ▶ Any clause which limits the length of a questionnaire.
- ▶ **Any clause which allows the company to comment on findings that will be published.**
- ▶ Any clause which increases the level of access for the researcher.
- ▶ Any clause which guarantees the anonymity of research participants.

Question No: 16 (Marks: 1) - Please choose one

In a study of concept learning in first-graders, all of the following should happen, except;

- ▶ **To help make the experience enjoyable, children should be given substantial**

incentives to participate.

- ▶ The children should be asked if they want to participate.
- ▶ Teachers of the children in their classes should give informed consent.
- ▶ Parents must give consent.

Question No: 17 (Marks: 1) - Please choose one

Which of the following is least likely to occur as an ethical problem with electronic research?

- ▶ Privacy could be invaded.
- ▶ **People are not likely to be able to stop once they have begun participating.**
- ▶ Debriefing could be avoided.
- ▶ Informed consent cannot be completely monitored.

Question No: 18 (Marks: 1) - Please choose one

Quantitative research has been criticised because:

- ▶ The reliance on instruments and procedures makes it high in ecological validity.
- ▶ **The measurement process suggests a spurious and artificial sense of accuracy.**
- ▶ It underestimates the similarities between objects in the natural and social worlds.
- ▶ It has no validity.

Question No: 19 (Marks: 1) - Please choose one

Which of the following is a characteristic of a standardized test?

- ▶ The administration of the test is controlled carefully to ensure that all examinees experience the same conditions.
- ▶ The test is developed by experts to ensure it is technically sound.
- ▶ The scores are interpreted in standard ways.
- ▶ **All of the given options**

Question No: 20 (Marks: 1) - Please choose one

Mr. Latif is measuring students' attitudes on a controversial topic. Which of the following would you recommend he use to control for the potential problem of students feeling the



need to respond with socially acceptable responses?

- ▶ Ensure construct validity
- ▶ **Allow anonymous responses**
- ▶ Ensure reliability
- ▶ Ensure confidentiality

Question No: 21 (Marks: 1) - Please choose one

Which of the following scales can measure the Temperature?

- ▶ Nominal scale
- ▶ Ordinal scale
- ▶ Interval scale
- ▶ **All of the given options**

Question No: 22 (Marks: 1) - Please choose one

Following are the properties of nominal scale, except;

- ▶ Least powerful
- ▶ **Suggest no order**
- ▶ Provide categorical information
- ▶ Provide magnitude of object

Question No: 23 (Marks: 1) - Please choose one

Which of the following is NOT the implication of Ordinal scale?

- ▶ Characteristics of nominal scale
- ▶ **Rank the object**
- ▶ Does not provide magnitude of object
- ▶ Provide rate

Question No: 24 (Marks: 1) - Please choose one

Which of the following statements is correct about validity and reliability?

- ▶ When internal validity is high, external validity is low

- ▶ When internal validity is high, there is no change in external validity
- ▶ When internal validity is high, external validity is also high
- ▶ **All of the given options**

Question No: 25 (Marks: 1) - Please choose one

When you are confident that the experimental manipulation produced the changes you measured in the dependent variable, your study probably has good _____ validity.

- ▶ Internal
- ▶ External
- ▶ **Causal**
- ▶ Construct

Question No: 26 (Marks: 1) - Please choose one

Mr. Ali has conducted an extensive review of the literature and has deductively reasoned a hypothesis about his problem on the basis of this review. Which type of a research plan is Mr. Ali likely proposing?

- ▶ **Qualitative**
- ▶ Ethical
- ▶ Both quantitative and qualitative
- ▶ Quantitative

Question No: 27 (Marks: 1) - Please choose one

Which of the following is a legitimate purpose of a research plan?

- ▶ It forces you to think through every aspect of a study.
- ▶ It provides detailed procedures to guide the conduct of the study.
- ▶ It provides clear roadmap of the study.
- ▶ **Writing a plan facilitates the evaluation of it.**

Question No: 28 (Marks: 1) - Please choose one

In the statement 'Smoke badly destroys health of people' what is the unit of analysis?

- ▶ Transportation

- ▶ Individuals
- ▶ Pollutants
- ▶ **Drugs**

Question No: 29 (Marks: 1) - Please choose one

While studying supervisor-subordinate relationship in an organization, what is the unit of analysis?

- ▶ Individual
- ▶ Dyad
- ▶ Employer-employee
- ▶ **Organization**

Question No: 30 (Marks: 1) - Please choose one

Which of the following types of survey research is often used for program evaluation or accreditation purposes?

- ▶ Developmental surveys
- ▶ Followup studies
- ▶ Public opinion polls
- ▶ **No survey research is appropriate**


Question No: 31 (Marks: 1) - Please choose one

Which of the following is NOT an example of a problem with using survey research to investigate behaviour?

- ▶ Respondents tend to answer by giving the most socially desirable answer.
- ▶ Respondents may inadvertently omit key terms in the question.
- ▶ Respondents may not give an honest reply to what they see as a threatening question.
- ▶ **Respondents may be unwilling to reveal information as they believe they are likely to be identified.**

Question No: 32 (Marks: 1) - Please choose one

What should the researcher do if they have achieved a low response rate?

- 
- ▶ Copy responses and paste them again.
 - ▶ Abandon the research project entirely.
 - ▶ **Recognize and accept the possible limitations of a low response rate.**
 - ▶ Fill in some more questionnaires themselves.

Question No: 33 (Marks: 1) - Please choose one

Which of the following statements is correct about questionnaire?

- ▶ A questionnaire should run to at least twenty pages.
- ▶ The questions should have no spaces between them so that the whole questionnaire looks small.
- ▶ Only questionnaires that are A3 size achieve high response rates.
- ▶ **Clear presentation is more important than overall size.**

Question No: 34 (Marks: 1) - Please choose one

Critical decision area in questionnaire construction is which of the following?

- ▶ Question content
- ▶ Question wording
- ▶ Response strategy
- ▶ **All of the given options**

Question No: 35 (Marks: 1) - Please choose one

The most critical area of an article to read is;

- ▶ Introduction
- ▶ **Abstract**
- ▶ Results section
- ▶ Limitations

Question No: 36 (Marks: 1) - Please choose one

Which of the following is/are advantage(s) of the self-completed questionnaire?

- ▶ Inability to confirm who completed the questionnaire

- ▶ Its unsuitability for some kinds of respondents
- ▶ Inability to ask many questions that are not directly relevant to the respondent
- ▶ **Easy to justify the answer**

Question No: 37 (Marks: 1) - Please choose one

Time consumed in mall intercept interview is representing which of the following type?

- ▶ High
- ▶ **Moderate**
- ▶ Low
- ▶ Nill

Question No: 38 (Marks: 1) - Please choose one

Which of the following similarity is found in Qualitative research and Survey research?

- ▶ Examine topics primarily from the participants' perspectives.
- ▶ They are guided by predetermined variables to study.
- ▶ **They are descriptive research methods.**
- ▶ Have large sample sizes.

Question No: 39 (Marks: 1) - Please choose one


Which of the following represent a good qualitative problem statement?

- ▶ Defines the independent and dependent variables.
- ▶ **conveys a sense of emerging design.**
- ▶ Specifies a research hypothesis to be tested.
- ▶ Specifies the relationship between variables that the researcher expects to find.

Question No: 40 (Marks: 1) - Please choose one

Which of the following makes research questions very crucial?

- ▶ **Guide your decisions about what data to collect and from where.**

- 
- ▶ Help you decide which research area interests you.
 - ▶ Ensure that your findings have external validity.
 - ▶ Prevent you from thinking about research strategies.

Question No: 41 (Marks: 10)

How would you explain "Research Proposal" and its different sections?


1. When a extraneous variable systematically varies with the independent variable and influences the dependent variable, it is called:

- a. Another dependent variable
- b. A confounding variable**
- c. A moderating variable
- d. An unreliable variable

2. Which of the following statements is true?

- a. A statistical relationship is sufficient evidence to infer causality
- b. Temporal order of the cause and effect is not important in inferring causality
- c. A statistical relation of X and Y is insufficient evidence for inferring causality**
- d. Temporal order of cause and effect variables and statistical relation are all that are needed to infer causality

3. A school district examines a program that uses mentors to help very poor readers improve their reading performance. The children in the program are at the 4th percentile at pretest. At posttest they are around the 20th percentile. While it is



possible that the program made the difference, another reason for the change in scores could be:

a. History

b. Regression artifact

c. Multiple-treatment interference

d. Differential selection

4. A group of researchers do a study where children from particular classrooms are assigned to treatment or control conditions. After the study, the researcher finds out that the students in the control group are higher achievers than those in the experimental group. He found no treatment effect. The failure to find an effect may be due to:

a. A treatment effect

b. A testing effect

c. A differential selection effect

d. A maturation effect


5. A researcher examines a program looking at the effects of mentoring on poor readers' reading achievement. He looks at two different schools. One serves as the control and the other the experimental group. Both schools had reading achievement that was around the 50th percentile. During the time that the mentoring program is in place in the experimental group, a statewide reading initiative is started in randomly selected schools. The experimental, but not the control school is involved in the initiative. At the end of the year, the experimental group does better than the control. From the information presented above, a likely threat to the internal validity of the study is:

a. Selection by mortality interaction

b. Mortality

c. Selection-history effect

d. Selection-maturation effect



6. Which type of validity refers to the degree to which you can infer that the relationship between two variables is causal?

a. Internal validity

b. Population validity

c. Ecological validity

d. Statistical conclusion validity

7. Which type of validity refers to the ability to infer that the independent and dependent variables are related and that the measured strength of the relationship is accurate?

a. Internal validity

b. Population validity

c. Ecological validity

d. Statistical conclusion validity

8. An extraneous variable that systematically varies with the independent variable and also influences the dependent variable is known as a _____.

a. Confounding variable

b. Third variable

c. Second variable

d. Both a and b are correct

9. The use of multiple observers to allow cross-checking of observations to make sure that the investigators agree with what took place is known as _____.

a. Interpretive validity

b. Researcher bias

c. Multiple operationalism

d. Investigator triangulation

10. _____ is the lowest inference descriptor of all because it uses the participant's own words.

a. Participant feedback



b. A verbatim

- c. Data triangulation
- d. Investigator triangulation

11. _____ refers to physical or mental changes that may occur within individuals over time, such as aging, learning, boredom, hunger, and fatigue.

- a. Instrumentation
- b. History

c. Maturation

- d. Testing

12. What type of validity refers to the extent to which the results of a study can be generalized across time?

- a. Ecological validity
- b. External validity
- c. Internal validity

d. Temporal validity


13. Which of the following best describes interpretive validity?

- a. Factual accuracy of an account as reported by the researcher

b. Accurately portraying the meanings given by the participants to what is being studied

- c. Degree to which a theoretical explanation fits the data
- d. Ability to generalize the study results across settings

14. Which of the following terms is a strategy where the researcher actively engages in critical self-reflection about his or her potential biases and predispositions.

- 
- a. Experimenter effect
 - b. Reactivity
 - c. Investigator triangulation

d. Reflexivity

15. Which of the following is not considered one of the criteria for inferring causality?

- a. Evidence that the independent and dependent variables are related
- b. Evidence that the relationship between the variables being investigated is not due to a confounding extraneous variable
- c. Evidence that changes in variable A occur before changes in variable B

d. The temporal ordering of the variables being investigated does not matter because a relationship is all that is really needed

16. The use of multiple data sources to help understand a phenomenon is one strategy that is used to promote qualitative research validity. Which of the following terms describes this strategy?

- a. Data matching
- b. Pattern matching
- c. Data triangulation**
- d. Data feedback

17. What may happen when different comparison groups experience a different history event?

- a. History effect



b. Selection-history effect

- c. Selection effect
- d. Group effect

18. What is another term that refers to a confounding extraneous variable?

- a. Last variable
- b. First variable

c. Third variable

- d. Fourth variable

19. Which of the following refers to any systematic change that occurs over time in the way in which the dependent variable is assessed?

a. Instrumentation

- b. Maturation
- c. Testing
- d. Selection

20. Which of the following terms describes the ability to generalize from the sample of individuals on which a study was conducted to the larger target population of individuals and across different subpopulations within the larger target population?


- a. External validity

b. Population validity

- c. Ecological validity
- d. Temporal validity

21. Which of the following is not a strategy used to promote qualitative research validity?

- a. Peer review



b. Theory triangulation

c. Extended fieldwork

d. Random assignment

22. The use of several measures of a construct is called:

a. Multiple operationalism

b. Multiple construct measurement

c. Operationalism

d. Methods triangulation

23. A physical or mental change that occurs in participants over time that affects their performance on the dependent variable is called _____.

a. Instrumentation

b. Maturation

c. Regression

d. None of above

24. Attrition generally occurs in research where _____.

a. You do demographic research

b. The study fails

c. Some participants do not complete the study

d. The study is very brief

25. Differential attrition occurs when the people dropping out from one group are different from the others in their group or from the people in the comparison group.



a. True

b. False

26. Internal validity refers to which of the following?

a. The ability to infer that a casual relationship exists between 2 variables

b. The extent to which study results can be generalized to and across populations of persons, settings, and times

c. The use of effective measurement instruments in the study

d. The ability to generalize the study results to individuals not included in the study

27. Which strategy used to promote qualitative research validity uses multiple research methods to study a phenomenon?

a. Data triangulation

b. Methods triangulation

c. Theory triangulation

d. Member checking

28. Which type of validity refers to the factual accuracy of an account as reported by the researcher?

a. Ecological validity

b. Temporal validity

c. Descriptive validity

d. None of the above

29. Which of the following is not one of the key threats to internal validity?

a. Maturation

b. Instrumentation



c. Temporal change

d. History

30. This type of validity refers to the ability to generalize the results of a study across settings.

a. Temporal validity

b. Internal validity

c. Ecological validity

d. External validity

31. Which is not a direct threat to the internal validity of a research design?

a. History

b. Testing

c. Sampling error

d. Differential selection

32. Alteration in performance due to being aware that one is participating in a study is known as _____.


a. Operationalism

b. Reactivity

c. Temporal validity

d. Mortality

33. The idea that the more times a research finding is shown with different sets of people, the more confidence we can place in the finding and in generalizing beyond the original participants is known as _____.

- 
- a. Naturalistic generalization
b. Methods generalization
c. Data triangulation

d. Replication logic

The scientific method is preferred over other ways of knowing because it is more;

Reliable

Systematic

Accurate

All of the given options

An operational definition is:

One that bears no relation to the underlying concept.

An abstract, theoretical definition of a concept.

A definition of a concept in terms of specific, empirical measures.

One that refers to opera singers and their work.

If a researcher is studying the effect of using laptops in his classroom to ascertain their merit and worth, he is likely conducting which type of research?

Basic

Applied


Evaluation

Experimental

What is the basis of the Scientific Method?

To test hypotheses in conditions those are conducive to its success.

To formulate a research problem and disprove the hypothesis.



To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis.

To test hypotheses and if they are disproved, they should be abandoned completely.

Which of the following is a concept?

Leadership.

Total Quality Management.

Human Resource Management.

All of the given options

Meanings attached to a concept create problems of measurements.

Unambiguous

Vague

Clear

Dictionary

To explain, predict, and/or control phenomena are the goal of-----

Tradition

Inductive logic

Deductive logic

The scientific

Why, as scientists, do we not want to rely on authority for explanations?

Those in authority are often wrong.

Those in authority cannot be challenged.

Those in authority rely too much on objective information.

Those in authority often have no common sense.

If a researcher was studying the use of various instructional approaches to the

"multiple intelligences" of his students, he is likely to be conducting which type of research?



Basic

Applied

Evaluation

Grounded theory

A concept is a generalized idea about----- .

A class of objects

Attributes

Occurrences

All of the given

Under which of the following research method is not applicable?

Health care


Business

Government offices

Imaginary worlds

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1- Hypothesis refers to

- A. The outcome of an experiment
- B. A conclusion drawn from an experiment
- C. A form of bias in which the subject tries to outguess the experimenter
- D. A tentative statement about the relationship**

2- Statistics is used by researchers to

- A. Analyze the empirical data collected in a study**
- B. Make their findings sound better
- C. Operationally define their variables
- D. Ensure the study comes out the way it was intended

3- A literature review requires


- A. Planning
- B. Good & clear writing
- C. Lot of rewriting
- D. All of the above**

4- A literature review is based on the assumption that

- A. Copy from the work of others
- B. Knowledge accumulates and learns from the work of others**
- C. Knowledge disaccumulates
- D. None of the above option

5- A theoretical framework

- A. Elaborates the r/s among the variables
- B. Explains the logic underlying these r/s



C. Describes the nature and direction of the r/s

D. All of the above

6- Which of the following statement is not true?

A. A research proposal is a document that presents a plan for a project

B. A research proposal shows that the researcher is capable of successfully conducting the proposed research project

C. A research proposal is an unorganized and unplanned project

D. A research proposal is just like a research report and written before the research project

7- Preliminary data collection is a part of the

A. Descriptive research

B. Exploratory research

C. Applied research

D. Explanatory research

8- Conducting surveys is the most common method of generating

A. Primary data


B. Secondary data

C. Qualitative data

D. None of the above

9- After identifying the important variables and establishing the logical reasoning in theoretical framework, the next step in the research process is

A. To conduct surveys



B. To generate the hypothesis

C. To focus group discussions

D. To use experiments in an investigation

10- The appropriate analytical technique is determined by

A. The research design

B. Nature of the data collected

C. Nature of the hypothesis

D. Both A & B

E. Personal interviews conducted in shopping malls are known as:

a. Mall interviews

b. Mall intercept interviews

c. Brief interviews

d. None of the given options

F. WATS lines provided by long distance telephone service at fixed rates.

In this regard, WATS is the abbreviation of:

a. West Africa Theological Seminary

b. Washtenaw Area Transportation Study

c. Wide Area Telecommunications Service

d. World Air Transport Statistics

G. A list of questions which is handed over to the respondent, who reads the questions and records the answers himself is known as the:

a. Interview schedule



b. Questionnaire

- c. Interview guide
- d. All of the given options

H. One of the most critical stages in the survey research process is:

- a. Research design

b. Questionnaire design

- c. Interview design
- d. Survey design

I. Question that consists of two or more questions joined together is called a:

a. Double barreled question

- b. General question
- c. Accurate question
- d. Confusing question

J. The number of questionnaires returned or completed divided by the total number of eligible people who were contacted or asked to participate in the survey is called the:


a. Response rate

- b. Participation rate
- c. Inflation rate
- d. None of the given options

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K. To obtain the freest opinion of the respondent, when we ask general

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question before a specific question then this procedure is called as the:

- a. Research technique
- b. Qualitative technique
- c. Funnel technique**
- d. Quantitative technique

L. A small scale trial run of a particular component is known as:

- a. Pilot testing
- b. Pre-testing
- c. Lab experiments
- d. Both A & B**

M. Field testing of the questionnaire shows that:

- a. Respondents are willing to co-operate**
- b. Respondents are not willing to co-operate
- c. Respondents do not like any participation
- d. All of the given options

N. Service evaluation of hotels and restaurants can be done by the:

- a. Self-administered questionnaires**
 - b. Office assistant
 - c. Manager
 - d. None of the given options
- A.

1. Which one of the following sets is the measure of central tendency?

- a. Mean, standard deviation, mode
- b. Mean, median, standard deviation



c. Arithmetic mean, median, mode

d. Standard deviation, internal validity, mode

2. In lab experiment the effect of Variables is controlled to evaluate the causal relationship.

a. Extraneous

b. Moderate

c. Intervening

d. All of the above

3. Internal validity refers to .

a. Researcher's degree of confidence.

b. Generalizability

c. Operationalization

d. All of the above

4. Which of the following is the weakest experimental design?

a. One group pretest-posttest design

b. Quasi- experimental design

c. Two group posttest only design

d. Ex post facto design

5. How many times the students appear in the research class is the example of _____.

a. Intensity

b. Space

c. Frequency

d. Direction

6. Disadvantage of content analysis is .

a. Researcher can increase the sample size

b. Provides access on the subjects to which researcher does have physical access.

- c. Sometime documents provide incomplete account to the researcher
- d. Spontaneous feelings can be recorded when they occurred

7. Which of the following statement is incorrect with respect to “An experimental design is a set of procedures specifying:”

- a. How the test units (subjects) are to be divided into homogenous sub samples.
- b. What independent variables or treatments are to be measured?
- c. What dependent variables are to be measured?
- d. How the extraneous variables are to be controlled?

8. Time consumed in mall intercept interview is .


- a. High
- b. Moderate
- c. Low
- d. Nil

9. “Teacher should create a friendly environment in the classroom” this is the type of .

- a. Leading question
- b. Loaded question
- c. Double Barreled
- d. Burdensome question

10. Departmental stores selected to test a new merchandising display system is the example of .

- a. Quota sampling

- 
- b. Convenience sampling
 - c. Judgmental sampling
 - d. Purposive sampling

1. Discrete variable is also called.....

- A. Categorical variable
- B. Discontinuous variable
- C. Both A & B
- D. None of the above

2. “Officers in my organization have higher than average level of commitment” such a hypothesis is an example of.....

- A. Descriptive Hypothesis
- B. Directional Hypothesis
- C. Relational Hypothesis
- D. All of the above

3. ‘Science’ refers to.....

- A. A system for producing knowledge
- B. The knowledge produced by a system
- C. Both A & B
- D. None of the above

4. Which one of the following is not a characteristic of scientific method?

- A. Deterministic
- B. Rationalism
- C. Empirical
- D. Abstraction

5. The theoretical framework discusses the interrelationships among the.....

- A. Variables
- B. Hypothesis



C. Concept

D. Theory

1.research is based on naturalism.

A. **Field research**

B. Descriptive research

C. Basic research

D. Applied research

2. Personal interviews conducted in shopping malls are known as.....

A. Mall interviews

B. **Mall intercept interviews**

C. Brief interviews

D. None of the given options

3. is used to obtain the freest opinion of the respondent, by asking general question before a specific question.

A. Research technique

B. Qualitative technique

C. **Funnel technique**

D. Quantitative technique

4. In, the interviewer and members jointly control the pace and direction of the interview.

A. **Field interview**

B. Telephonic interview

C. Both A and B

D. None of the given options

5. Randomization of test units is a part of

A. Pretest

B. Posttest



C. Matching

D. **Experiment**

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Rationalism is the application of:

Select correct option:

Research solution

Logic and arguments

Reasoning

Previous findings

Question # 3 of 10 (Start time: 01:25:20 AM)

The independent variable is;

Select correct option:

The variable manipulated in order to observe its effects

The variable that is measured

The free spirited variable

A confounding variable

What research is?

Select correct option:

A lab experiment

A report

A systematic Enquiry

A procedure

If a researcher is studying the effect of using laptops in his classroom to ascertain their merit and worth, he is likely conducting which type of research?

Select correct option:

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Basic

Applied

Evaluation

Experimental

The elaboration of the variables in the theoretical framework addresses which type of questions?

Select correct option:

Why we expect certain relationships to exist

How we expect certain relationships to exist

Both of the given questions

None of the given questions

What is an hypothesis?

Select correct option:

A prediction of a relationship between certain variables.

An experiment that tests certain predictions.

An independent variable.

A dependent variable

Question # 9 of 10 (Start time: 01:30:36 AM)

A literature review requires;



Select correct option:

planning

clear writing

good writing

All of the given option

Question # 10 of 10 (Start time: 01:32:50 AM)

12. Which of the following true about the relationship between theory building and data collection?

Select correct option:

When studies come out as expected, inductive support for the theory is gained.

If an experiment fails, discarding the experiment is an example of affirming the consequent.

When a hypothesis is not supported, virtually nothing has been learned about the theory.

A good theory will be inclusive enough to explain every possible research outcome.

literature review requires;

Select correct option:

planning

clear writing

All of the following are true about theories, except;

Select correct option:

They organize and summarize existing knowledge about a topic.

They are tentative until the facts prove them true.

Quiz Start Time: 04:30 PM

Time Left

Question # 6 of 20 (Start time: 04:35:36 PM) Total Marks: 1

How can we determine if a test has good validity?



Select correct option:

It produces the same result when it is given at different times to the same group of people

It produces the same result no matter which version of the test is used

It measures what it is supposed to measure

All of the questions on it can be answered accurately by the subject

Question # 7 of 20 (Start time: 04:36:25 PM) Total Marks: 1

Why do you need to review the existing literature?

Select correct option:

To give your dissertation a proper academic appearance, with lots of references

Because without it, you could never reach the required word-count

To find out what is already known about your area of interest

To help in your general studying

Question # 8 of 20 (Start time: 04:37:24 PM) Total Marks: 1

When you are confident that the experimental manipulation produced the changes you measured in the dependent variable, your study probably has good _____ validity.

Select correct option:

Construct

Internal


External

Causal

Question # 9 of 20 (Start time: 04:38:25 PM) Total Marks: 1

Preliminary Data Collection may be considered as part of -----.

Select correct option:



Descriptive research
Explanatory research
Exploratory research
All of the given options

Question # 10 of 20 (Start time: 04:39:02 PM) Total Marks: 1

Rationalism is the application of:

Select correct option:

Research solution
Logic and arguments
Reasoning
Previous findings

Question # 12 of 20 (Start time: 04:40:20 PM) Total Marks: 1

If a researcher is studying the effect of using laptops in his classroom to ascertain their merit and worth, he is likely conducting which type of research?

Select correct option:

Basic
Applied
Evaluation
Experimental

Question # 13 of 20 (Start time: 04:41:22 PM) Total Marks: 1

_____ meanings attached to a concept create problems of measurements.

Select correct option:



Unambiguous

Vague

Clear

Dictionary

Question # 15 of 20 (Start time: 04:43:20 PM) Total Marks: 1

Which of the the following is not included in Objects?

Select correct option:

Tables

People

Books

Weight

Question # 17 of 20 (Start time: 04:44:50 PM) Total Marks: 1

The _____ is only useful if the concepts, ideas, questions, etc. to be investigated are both testable and falsifiable.

Select correct option:

Independent Variable

Dependent Variable

Experimental Method

Scientific Method

Question # 18 of 20 (Start time: 04:45:48 PM) Total Marks: 1

Which of the following is likely to reduce the validity of a test?

Select correct option:

Unclear test directions
Ambiguous test items
Untaught items
All of the given options

Question # 19 of 20 (Start time: 04:46:16 PM) Total Marks: 1

If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

Select correct option:

Basic
Applied
Evaluation
Grounded theory

ANSWERS: 1 2 3 4 5 6 7 8 9 10

d a d b d c b a b d


11 12 13 14 15 16 17 18 19 20

b c b b a a c d a a

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1- Hypothesis refers to

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- 
- A. The outcome of an experiment
B. A conclusion drawn from an experiment
C. A form of bias in which the subject tries to outguess the experimenter
D. A tentative statement about the relationship

2- Statistics is used by researchers to

- A. Analyze the empirical data collected in a study**
B. Make their findings sound better
C. Operationally define their variables
D. Ensure the study comes out the way it was intended

3- A literature review requires

- A. Planning
B. Good & clear writing
C. Lot of rewriting
D. All of the above

4- A literature review is based on the assumption that

- A. Copy from the work of others
B. Knowledge accumulates and learns from the work of others
C. Knowledge disaccumulates
D. None of the above option

5- A theoretical framework

- A. Elaborates the r/s among the variables
B. Explains the logic underlying these r/s
C. Describes the nature and direction of the r/s
D. All of the above

6- Which of the following statement is not true?

- A. A research proposal is a document that presents a plan for a project
B. A research proposal shows that the researcher is capable of successfully conducting the proposed research project



C. A research proposal is an unorganized and unplanned project

D. A research proposal is just like a research report and written before the research project

7- Preliminary data collection is a part of the

A. Descriptive research

B. Exploratory research

C. Applied research

D. Explanatory research

8- Conducting surveys is the most common method of generating

A. Primary data

B. Secondary data

C. Qualitative data

D. None of the above

9- After identifying the important variables and establishing the logical reasoning in theoretical framework, the next step in the research process is

A. To conduct surveys

B. To generate the hypothesis

C. To focus group discussions

D. To use experiments in an investigation

10- The appropriate analytical technique is determined by

A. The research design

B. Nature of the data collected

C. Nature of the hypothesis

D. Both A & B

E. Personal interviews conducted in shopping malls are known as:

1. Mall interviews

2. Mall intercept interviews

3. Brief interviews

4. None of the given options

F. WATS lines provided by long distance telephone service at fixed rates. In this regard, WATS is the abbreviation of:

1. West Africa Theological Seminary
2. Washtenaw Area Transportation Study

3. Wide Area Telecommunications Service

4. World Air Transport Statistics

G. A list of questions which is handed over to the respondent, who reads the questions and records the answers himself is known as the:

1. Interview schedule

2. Questionnaire

3. Interview guide
4. All of the given options

H. One of the most critical stages in the survey research process is:

1. Research design

2. Questionnaire design

3. Interview design
4. Survey design


I. Question that consists of two or more questions joined together is called a:

1. Double barreled question

2. General question
3. Accurate question
4. Confusing question

J. The number of questionnaires returned or completed divided by the total number of eligible people who were contacted or asked to participate in the survey is called the:

1. Response rate

- 
- 2. Participation rate
 - 3. Inflation rate
 - 4. None of the given options

K. To obtain the freest opinion of the respondent, when we ask general question before a specific question then this procedure is called as the:

- 1. Research technique
- 2. Qualitative technique
- 3. Funnel technique**
- 4. Quantitative technique

L. A small scale trial run of a particular component is known as:

- 1. Pilot testing
- 2. Pre-testing
- 3. Lab experiments
- 4. Both A & B**

M. Field testing of the questionnaire shows that:

- 1. Respondents are willing to co-operate**
- 2. Respondents are not willing to co-operate
- 3. Respondents do not like any participation
- 4. All of the given options


N. Service evaluation of hotels and restaurants can be done by the:

- 1. Self-administered questionnaires**
- 2. Office assistant
- 3. Manager
- 4. None of the given options

1-The researcher protects the confidentiality in following ways, Except;
Select correct option:

Obtaining signed nondisclosure documents.

Restricting access to data instruments where the respondent is identified.



Disclosure of data subsets.

Restricting access to respondent identification.

2-Which of the following should not be a consideration in writing a proposal?

Select correct option:

Understanding the problem situation

The appearance/form of the proposal

Responding to every element exactly as specified by the client

Knowing as much as possible about the proposal recipients

3-Under which of the following research method is not applicable?

Select correct option:

Health care

Business

Government offices

Imaginary worlds

4-Which of the following is a concept?

Select correct option:

Leadership.

Total Quality Management.

Human Resource Management.

All of the given options

5-In which way does a ratio scale measurement differ from an interval measurement?

Select correct option:

It measures larger or smaller scores on some underlying dimension.

It implies the existence of an absolute zero value.

It requires the mutual exclusivity of all cases.

It requires that exhaustiveness is applied to all observations.

6-If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

Select correct option:



Basic

Applied

Evaluation

Grounded theory

applied

7-An operational definition is:

Select correct option:

One that bears no relation to the underlying concept.

An abstract, theoretical definition of a concept.

A definition of a concept in terms of specific, empirical measures.

One that refers to opera singers and their work.

8-In the statement 'an examination of the effects of discretionary behaviour on employee performance' employee performance is the:

Select correct option:

Independent variable

Dependent variable

Extraneous variable

Causal variable

9-Quantitative researcher's preoccupation with generalization is an attempt to:

Select correct option:

Develop the law like findings of the natural sciences.

Boost their chances of publication.

Enhance the internal validity of their research.

Demonstrate the complex techniques of statistical analysis.

10-Which one of the following tasks is NOT accomplished by theoretical framework?

Select correct option:

Elaborate the relationship among the variables

Explain the logic underlying the relationship between the variables.



Describe the nature, and direction of the relationships among the variables.

Relates the previous studies.

11-What is required if there is a chance that data could harm the respondents?

Select correct option:

Change of results

A signed form detailing the types of limits

Free consent of respondents

All of the given options

12-Which of the following is not an example of deception?

Select correct option:

A part of the truth is not communicated to the respondent

To observe code of ethics

To leak out information regarding any confidential matter

To create bias between respondents before the survey

13-Which of the the following is not included in Objects?

Select correct option:

Tables

People

Books

Weight

14-The extent to which we can generalize the results of a study to other participants is called:

Select correct option:

Sampling validity

External validity

Construct validity

Internal validity

15-If a nominal scale is used, it is permissible to calculate which of the following statistics?

Select correct option:

Mean

Range



Percentile

Mode

16-All of the following are true about theories, except;

Select correct option:

They organize and summarize existing knowledge about a topic.

They are tentative until the facts prove them true.

They provide possible explanations for the phenomenon under study.

They lead to testable hypotheses through the process of deduction.

17-Research questions are crucial because they will:

Select correct option:

Guide your decisions about what data to collect and from where.

Help you decide which research area interests you.

Ensure that your findings have external validity.

Prevent you from thinking about research strategies.

18-What is the basis of the Scientific Method?

Select correct option:

To test hypotheses in conditions that are conducive to its success.

To formulate a research problem and disprove the hypothesis.

To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis.

To test hypotheses and if they are disproved, they should be abandoned completely.

19-Procedures determining what two issues are rarely used in quantitative research?

Select correct option:

Objectivity and subjectivity


Reliability and validity

Accessibility and replicability

Quality and quantity

20-Ms. Laiba has decided to use the test at the end of the textbook to measure the achievement levels of the students in her study. Which of the following BEST describes the chapter test?

Select correct option:



Definition
Construct
Variable
Operationalized variable

Quiz 01

STA 630- Research Methods

Choose the best option and give answer according to the instructions

1. Rationalism is the application of which of the following?

- A. Logic and arguments
- B. Research solution
- C. Reasoning
- D. Previous findings

2. On which of the following, scientific knowledge mostly relies?

- A. Logical understanding
- B. Identification of events
- C. Prior knowledge
- D. All of the given options

3. Which of the following refers to research supported by measurable evidence?

- A. Opinion
- B. Empiricism
- C. Speculation
- D. Rationalism

4. Research method is applicable in all of the following fields, EXCEPT;

- A. Health care
- B. Religion

- C. Business
- D. Government offices

5. All of the following are true statements about action research, EXCEPT;

- A. Data are systematically analyzed
- B. Data are collected systematically
- C. Results are generalizable
- D. Results are used to improve practice


6. Which of the following is characteristic of action research?

- A. Variables are tightly controlled
- B. Results are generalizable
- C. Data are usually qualitative
- D. Results demonstrate cause-and-effect relationships

7. If a researcher is studying the effect of using laptops in his classroom to ascertain their merit and worth, he is likely conducting which of the following types of research?

- A. Experimental
- B. Applied
- C. Basic
- D. Evaluation

8. Exploratory research addresses which of the following types of question?

- 
- A. If
 - B. How
 - C. Why
 - D. What

9. Which of the following is not the source for getting information for exploratory research?

- A. Content analysis
- B. Survey
- C. Case study
- D. Pilot study

10. Which of the following is the main quality of a good theory?


- A. A theory that has survived attempts at falsification
- B. A theory that is proven to be right
- C. A theory that has been disproved
- D. A theory that has been falsified

11. Which of the following is not a concept?

- A. Leadership
- B. Total Quality Management
- C. Intelligence Quotient (IQ)
- D. Human Resource Management

12. A variable that is presumed to cause a change in another variable is known as:

- A. Discontinuous variable

- 
- B. Dependent variable
 - C. Independent variable
 - D. Intervening variable

13. Which of the following is the opposite of a variable?

- A. An extraneous variable
- B. A dependent variable
- C. A data set
- D. A constant

14. Which of the following can best be described as a categorical variable?


- A. Age
- B. Annual income
- C. Grade point average
- D. Religion

15. “Income distribution of employees” in a specific organization is an example of which of following type of variable?

- A. Discontinuous variable
- B. Continuous variable
- C. Dependent variable
- D. Independent variable

16. “There is no relationship between higher motivation level and higher efficiency” is an example of which type of hypothesis?

- A. Alternative

- 
- B. Null
 - C. Correlational
 - D. Research

17. Which of the following is not a role of hypothesis?

- A. Guides the direction of the study
- B. Determine feasibility of conducting the study
- C. Identifies relevant and irrelevant facts
- D. Provides framework for organizing the conclusions

18. Hypothesis test may also be called as:

- A. Informal test
- B. Significance test
- C. Moderating test
- D. T-test

19. Which type of review compares how different theories address an issue?

- A. Context review
- B. Integrated review
- C. Theoretical review
- D. Methodological review

20. After you locate a source, you should write down all details of the reference, EXCEPT;

- A. Volumes
- B. Titles
- C. Price
- D. Full names of the authors

Solution of Quiz 01

Spring Semester 2009

STA 630- Research Methods



Question No: Answer

1 A

2 A

3 B

4 B

5 C

6 C

7 D

8 D

9 A

10 A

11 C

12 C

13 D

14 D

15 B

16 B

17 B

18 B


19 C

20 C

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1. Operational definitions are useful because they offer specificity, but are not essential

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when the scientific method is used.

True

False

2. The ability to make inferences about cause and effect relationships is increased when the experimental method is used.

True

False

3. In a positive linear relationship, increases in the levels of one variable are associated with increases in the levels of a second variable.

True

False

4. Which is NOT a problem when the non experimental method is used to study relationships between variables?

Direction of cause and effect

Behavior is only measured

A "third" variable may be responsible for the relationship.

5. Which of the following relationships would most likely be studied with the nonexperimental method?

The effect of parental use of alcohol on aggressive behavior of children.

The effect of distraction while studying on test performance.

The effect of defendant attractiveness on juror decisions.

6. The variable that is manipulated in an experiment is the dependent variable.

True

False



7. In an experiment, some participants took a standard printed exam; others took the exam using a computer administration procedure. Scores obtained with the two exam procedures were compared. The independent variable was _____ and the dependent variable was _____.

exam type; exam score.

exam score, exam type.

participant gender, exam procedure

8. Which of the following is used to make sure that the participants in each condition of an experiment are equivalent?

Experimental control

Randomization

9. Internal validity refers to the ability to draw inferences about cause and effect relationships between variables.

True

False

10. Complete understanding of behavior is achieved by studying variables using multiple operational definitions and both experimental and non experimental methods.


True

False

=====ANSWERS=====

1. False

2. True

- 
3. True
4. Measurement
5. Alcohol and aggression
6. False
7. exam type/exam score
8. Randomization
9. True
10. True

1. If you predict a curvilinear relationship, you must have at least three levels of the independent variable in your experiment.

True

False

2. A researcher studied the effect of defendant gender (male-female) and type of crime (robbery-embezzlement) on juror decisions. How many conditions are in this study?

two.

three

four

3. If a study has two or more independent variables, it is called a factorial design.

True

False

4. Participants gave longer sentences for embezzlement than robbery, irrespective of gender. This implies that there was a:

main effect of gender.


main effect of type of crime.

interaction.

5. In the IV X SV design, one of the independent variables is a characteristic of participants such as personality type.

True

False



6. In a mixed factorial design, one of the independent variables is a characteristic of participants such as personality type.

True

False

7. A researcher interested in attitude change designed an experiment that examined the effect of age (18-25 years of age, 35-50, and over 60) and type of media (newspaper, radio, television) on attitude toward a tax increase for local schools. In a completely independent groups design with 20 participants per condition, the researcher needs to study _____ people.

60

120

180

8. The effect of motivation depended on whether there was a clear standard for excellence. This sentence implies that there was a(n):

main effect of motivation

main effect of standard

interaction effect

9. A main effect is the effect of one independent variable averaged over the other independent variables.

True

False

10. Dr. Fox studied the effect of attractiveness on juror decisions. Dr. Ramirez studied the effect of type of crime on juror decisions. What would be gained by studying both independent variables in one experiment?

main effects

interaction

curvilinear relationship

=====ANSWERS=====


1. True
2. four
3. True
4. main effect of type of crime
5. True
6. False
7. 180
8. interaction effect
9. True
10. interaction

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1. Your county has just developed a new procedure for helping juveniles who are arrested. Does the new procedure result in fewer arrests in the future? This is a question of:
outcome evaluation.
process evaluation
economic efficiency assessment.

2. The nonequivalent control group pretest-posttest design allows a researcher to assess the effects of an independent variable by examining change from pretest to posttest.
True
False

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3. When a researcher makes multiple observations before and after a change is implemented, the design is called an interrupted time-series design.

True

False

4. Behavior changes when the treatment is introduced and changes again when the treatment is withdrawn. This describes a:
interrupted time-series design.

ABA design.

control series design

5. Single-subject designs cannot be conducted with multiple participants.

True

False

6. An ABAB design has both ethical and internal validity advantages over the ABA design.

True

False

7. A documentary film director made a series of films about the lives of a set of children when they were 7, 14, 21, 28, and 35 years of age, i.e, the films 7-Up and 14-Up.. What type of "research design" is this?

cross-sectional


longitudinal

sequential

8. When Donald Campbell compared fatalities in Connecticut and nearby states before and after a police speeding crackdown, the _____ design was used.

interrupted time series

control series



longitudinal

9. Cross-sectional designs confound developmental changes and cohort effects.

True

False

10. After comparing the effects of jail and a drug treatment program on persons convicted of drug-related offenses, a researcher analyzed the societal costs of each. The researcher has conducted:

outcome evaluation

needs assessment

economic efficiency assessment

=====ANSWERS=====

1. outcome evaluation

2. True

3. True

4. ABA design

5. False

6. True

7. longitudinal

8. control series


9. True

10. economic efficiency assessment

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1. You want to know if males and females differ in preferences for dogs and cats as pets. You ask males and females to indicate whether they prefer dogs, cats, or neither dogs nor cats. When you describe your results, you will compare:

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means.

percentages.

medians.

2. You want to know if males and females differ in the length of recommended sentence for someone found guilty of driving under the influence of alcohol. You ask males and females to indicate the number of weeks of jail time the convicted person should receive.

When you describe your results, you will compare:

means

percentages

medians

3. If you are using a nominal scale, the standard deviation is the best measure of variability of responses.

True

False

4. You conducted a survey of students in your school. You report that half the students work 25 hours per week or less. The statistic you used is the

mean.

median.

mode

5. Couples who share more similar attitudes indicate that they are more satisfied with their relationship. This reflects a _____ correlation.

positive

negative

6. A correlation coefficient provides information about the strength of the relationship between variables.

True

False

7. A researcher assessed the following variables in a sample of teenage males: aggressive behavior, anger, loneliness, and perceived social support from family and friends. In addition to examining the correlations among these variables, the researcher tested a proposed model of how these variable are related to one another. The researcher is using a:

- partial correlation analysis.
- structural equation model.
- multiple regression analysis.

8. You believe that the relationship between the two variables you are investigating is curvilinear. The Pearson product-moment correlation coefficient will provide a good index of the strength of this relationship.

- True
- False

9. You expected to find that age is related to more conservative political attitudes. However, your study found that the two variables were not related. Before you conclude that the two variables are not related, you should examine the range of values on your age variable.


- True
- False

10. A multiple correlation is a correlation between one variable and another variable that is measured on a ratio scale.

- a combined set of variables.
- a manipulated variable.

=====ANSWERS=====

- 1. percentages
- 2. means
- 3. False

- 
4. median
 5. positive
 6. True
 7. structural equation model
 8. False
 9. True
 10. combined set of variables

1. Statistical significance tests allow you to make inferences about population values based on data obtained from samples.

True

False

2. After conducting a statistical test, you conclude that the mean score of males differs significantly from the mean score of females. You have:

accepted the null hypothesis

rejected the null hypothesis

made a Type I error

3. With larger sample sizes, your sample data are more likely to accurately reflect true population values.

True

False

4. You did not reject the null hypothesis. It is possible that you made a:
Type I error.



Type II error.

Type I and a Type II error.

5. To increase the likelihood of obtaining a significant result, you should have a:
large difference between groups.
small variability within groups.
both of these are true.

6. In addition to knowing about the statistical significance of your data, it is important to know about effect size, the strength of the relationship between your variables.

True

False

7. When you conduct a t-test, your obtained data are transformed into a single obtained t value. A _____ of t values exists to allow you to know the probability that your data are consistent with the null hypothesis.

sampling distribution

random probability distribution

Type I error table

8. The probability of correctly rejecting the null hypothesis is called:

alpha

beta

power

9. Another term for systematic variance is between-group variance. Another term for error variance is within-group variance.

True

False



10. When designing a study, it is possible to calculate the sample size that will be needed to obtain a statistically significant effect. This calculation is called:

Type II error analysis.

effect size analysis.

power analysis.

=====ANSWERS=====

1. True

2. rejected the null hypothesis

3. True

4. Type II error

5. both of these

6. True

7. sampling distribution

8. power

9. True

10. power analysis

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1. Meta-analysis is a statistical procedure to combine the results of many studies that investigated the same variable.


True

False

2. The ability to infer that that the independent variable caused the effect on the dependent variable is called:

internal validity

<http://vustudents.ning.com>



external validity
criterion validity

3. When you discuss the extent to which your results would apply to other people or settings, you are concerned with:

internal validity
external validity
criterion validity

4. A jury decision study used a male judge. A way to increase generalizability would be to replicate the study with a female judge.

True
False

5. A replication in which the original procedures are duplicated is called a(n)


exact replication
conceptual replication
systematic replication.

6. A synthesis of the data obtained from many studies on a particular topic is called a literature review.

True
False

7. A study on fear of medical procedures was conducted in a room on campus that had been decorated as a doctor's office has:

experimental realism
mundane realism



replicability

8. The participants in the study became very involved in a computer simulation. This study has:

experimental realism

mundane realism

replicability

9. A study that uses different procedures for manipulating and measuring variables from another study is called a conceptual replication.

True

False

10. A study conducted outside the confines of a standard laboratory/classroom is called a: field experiment

mundane experiment

meta-analysis

=====ANSWERS=====

1. True

2. internal validity

3. external validity

4. True

5. exact replication

6. True

7. mundane realism

8. experimental realism

9. True

10. field experiment

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1. A reliable measure has more measurement error than an unreliable measure.

True

False

2. An indicator of reliability based on the correlations of each item in a measure with every other item is called:

Test-retest reliability

Cronbach's alpha

Split-half reliability

3. A measure is reactive if it changes the behavior being measured.

True

False

4. A researcher developed a measure of shyness and is now asking whether this measure does in fact measure a person's true state of shyness. This is a question of:


reactivity.

construct validity.

reliability.

5. Scores on a final exam are related to student grade point average, the amount of time spent studying for the exam, and class attendance. What type of validity is demonstrated in this case?

convergent validity.



discriminant validity.

criterion validity.

6. Nominal scales of measurement have no quantitative properties.

True

False

7. Which of the following variables does NOT have ratio scale properties?

job satisfaction rating

reaction time to respond when a stimulus is presented

distance (in inches) that two people stand from each other when conversing

8. My measure allows me to successfully predict future behavioral outcomes. My measure has:

Criterion validity

Face validity

9. Unobtrusive measures reduce the problem of reactivity.

True

False

10. Whenever you divide people into groups, you probably using a nominal scale level of measurement.

True


False

=====ANSWERS=====

1. False

2. Cronbach's alpha

3. True

- 
4. Construct validity
5. Convergent validity
6. True
7. job satisfaction
8. Criterion validity
9. True
10. True

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1. A researcher is granted permission to become involved with a college basketball team - attending practices and team meetings, accompanying coaches on recruiting trips, regularly talking with players, etc. The researcher used naturalistic observation.

True

False

2. A researcher devised a coding system to analyze the messages on an Internet bulletin board discussion of the controversy concerning Elian Gonzalez, the Cuban boy who was rescued after a boat accident in the ocean between Cuba and the United States. This study used:

content analysis.

naturalistic observation.


systematic observation.

3. Reliability is not an issue in systematic observation.

True

False

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4. A researcher videotaped people while viewing political debates. Raters viewed segments of the tapes and recorded whether the people were smiling. This study used:
systematic observation.
naturalistic observation.
content analysis.

5. A researcher tries to explain why a particular observation does not fit with a theory that is used to explain other observations. This is called:
inter-rater reliability.
negative case analysis.
internal validity.

6. A researcher uses interviews and many types of psychological and medical tests to study a woman who had surgery to remove a part of her brain. This is called a case study.

True

False

7. A researcher accessed information on the Internet from a series of surveys of women that was conducted during the 1970s and 1980s. The data were analyzed to examine changes in attitudes and behaviors over time. Which of the following methods was used?
systematic observation
case study

archival research

8. When two or more judges make ratings of observed behaviors, it is important to examine:
inter-rater reliability.
test-retest reliability.

9. A psychologist conducts a study that uses data collected from many cultures in the world. The researcher probably used:

Human Relations Area Files

PsycINFO

10. A researcher studies memory by talking to groups of people in their 50s, 60s, and 70s about memory problems that they have experienced and worried about. This study has collected:

quantitative data.

qualitative data.

=====ANSWERS=====

1. True

2. content analysis

3. False

4. Systematic observation

5. negative case analysis

6. True

7. archival research

8. inter-rater reliability

9. Human Relations Area Files

10. qualitative data

1. With probability sampling techniques, each member of the population has a(n) specifiable probability of being sampled.


True

False

2. You wish to make a precise estimate about the characteristics of a population of individuals. You should use:

quota sampling.

probability sampling.



accidental sampling.

3. A nonprobability sample is usually acceptable when the goal of the research is to examine relationships between variables.

True

False

4. The number of people who complete a survey in relation to the number of people contacted to participate is called the:

response set.

response rate.

response bias.

5. A panel study is used to study changes in survey responses over time.

True

False

6. The question, "Do you think that television should have less violence and fewer shows about sex" is considered:

double-barreled.

loaded.

open-ended.

7. Which type of questions should be first in a questionnaire or interview?

questions about demographics such as age and gender

questions about attitudes and behaviors

8. Which type of question is most likely to be used when the researcher is just starting to explore what people think about a particular topic?

closed-ended

open-ended

9. If you need a sample of about 1,000 to get an accurate estimate of a population of 10,000 people, you need a sample size of 2,000 if your population consists of 20,000 people.

True

False

10. Which is most likely to yield qualitative data?

Mail survey

Focus group

Telephone interview

=====ANSWERS=====

1. True

2. probability sampling

3. True

4. response rate

5. True

6. double-barreled

7. attitudes and behaviors

8. open-ended

9. False

10. Focus group interview

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1. The reasons why the independent variable might not have caused an effect on the dependent variable are called threats to internal validity.

True

False

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2. A researcher studied the effect of defendant physical attractiveness on juror decisions.

The attractive person was 20 years old, and the unattractive person was a 45-year old.

The problem here is that:

age is confounded with attractiveness.

it is very difficult to operationally define physical attractiveness.

attractiveness is not related to perceptions of guilt.

3. The use of existing natural groups of participants usually results in equivalent groups for the experiment.

True

False

4. The same people participate in each condition of an experiment. What type of design is this?

repeated measures (within-subjects)

independent groups (between-subjects)

matched pairs

5. Mortality refers to the fact that participants may drop out of experiments.

True

False

6. Complete counterbalancing means that:

there were no practice effects

all possible orders of the IV were used

all Latin squares were constructed

7. An advantage of a repeated measures design is that it requires fewer participants.

True

False



8. Practice and fatigue effects are both problems with independent groups designs.

True

False

9. All things being equal, which design is more likely to result in a statistically significant effect?

Independent groups

Repeated measures

10. You identified the 15 employees in a large organization who were absent from work the most days during the previous month. You require these employees to attend a oneday

program on time and stress management in an attempt to reduce absenteeism. In the following month, all of the employees improved their attendance. The improvement could be caused by the program or it might be due to:

statistical regression.

mortality

instrument decay

=====ANSWER=====

1. True

2. age is confounded

3. False

4. repeated measures

5. True

6. all possible orders

7. True


8. False

9. Repeated measures

10. Statistical regression

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1. In an experiment, words with either feminine or masculine connotation were presented on a computer screen. The participant pressed one key when they perceived a masculine word and another key when it was perceived as feminine. Reaction time was the dependent variable. The experimenter used a:

staged manipulation

straightforward manipulation

2. The dependent variable was score on a measure of comprehension of material. Virtually everyone in all conditions of the experiment answered all questions correctly.

Researchers refer to this situation as a:

floor effect.

ceiling effect.

similarity effect.

3. Strength of the manipulation is important because it increases the likelihood that the researcher will be able to detect an effect of the independent variable on the dependent variable.

True

False

4. You are concerned that participants in your study may be figuring out exactly what you are studying. You are worried about:

demand characteristics.

experimenter expectancies.

placebo effects.

5. A placebo group is used to control for alternative explanations in studies of the effect of drugs.

True

False

6. The session that the experimenter holds with participants following an experiment is called:

deception.

informed consent.

debriefing

7. The galvanic skin response (GSR) is a measure of:

anxiety.

muscle tension.

8. A good way to "debug" a study is to run a:

placebo group.

pilot study.

9. An experiment was conducted entirely on the Internet. This procedure probably eliminated the problem of:

demand characteristics.

experimenter expectancies.

informed consent.

10. A researcher is designing a study on the effect of defendant attractiveness on juror decisions. To investigate whether participants perceive the two defendants as different in attractiveness, the researcher should use a:

sensitive dependent measure.



manipulation check.

strong manipulation.

=====ANSWERS=====

1. straightforward manipulation

2. ceiling effect

- 
- 
3. True
 4. demand characteristics
 5. True
 6. debriefing
 7. anxiety
 8. pilot study
 9. experimenter expectancies
 10. manipulation check

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1. Accepting the information in professor's lecture without asking about the basis of the information is a reliance on authority.

True

False

2. Intuition and authority can be good sources of ideas.

True

False

3. Applied research is not guided by the theories and findings of basic research.

True

False

4. The statement, "Interviewers rate job applicants more favorably when they are wearing a pleasant scent than when they have no scent" is an example of:
description of behavior.

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prediction of behavior.
explanation of behavior.

5. The statement, "A pleasant scent increases favorability of ratings because the scent creates a positive emotional state in the interviewer" is an example of:

description of behavior.
prediction of behavior.
explanation of behavior.

6. An empirical test of an idea about behavior must be conducted so the idea can either be supported or refuted.

True
False

=====ANSWERS=====

1. True
2. True
3. False
4. Description
5. Explanation
6. True

1. A prediction is a statement about the expected relationship between variables

True
False

2. The method section of a research report includes a description of exactly how the study was designed and conducted.

True
False



3. Which of the following would result in finding more articles when using PsycINFO?

happiness AND marital satisfaction

happiness OR marital satisfaction

4. You found an important article published in 1990. What resource would you use to find articles that have cited your article since then?

Psychological Abstracts

PsycINFO

Social Science Citation Index

5. Which of the following is NOT true of theories?

Explain currently known facts.

Rarely change once formulated.

Generate new knowledge.

6. When the results of a study are consistent with a theory, our confidence in the theory increases.

True

False

7. You are reading a paragraph in a journal article; the topic of the paragraph is the implications of the results for future research. Which section of the article are you reading?

Introduction

Results


Discussion

=====ANSWERS=====

1. True

2. True

3. OR

- 
4. Social Science Citation Index
5. Rarely change
6. True
7. Discussion

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1. Psychological studies must be reviewed for possible sources of physical and psychological stress.

True

False

2. All research must include a procedure to obtain informed consent.

True

False

3. Asking people whether they wish to participate in a study after telling them all of the potential risks and benefits is called informed consent.


True

False

4. A researcher records the tips left at a restaurant. The amount of the tip is related to size of the check, and the number and gender composition of people in the party. According to regulations, this research would be classified as:

No risk

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Minimal risk

Greater than minimal risk

5. Which is not a reason for a debriefing session?

Required by Health and Human Services regulations.

Deal with issues of stress or deception.

Education about psychological research.

6. Research conducted today has more ethical problems than research conducted 30 years ago.

True

False

7. Survey research in which people are asked questions about themselves has no ethical risk.

True

False

8. According to Health and Human Services regulations, informed consent is necessary in all research investigations.

True

False

=====ANSWERS=====

1. True

2. False

3. True

4. No risk

5. Required

6. False

7. False

8. False

Research Methods (Fall 2009)

Quiz # 1:

Question # 1 of 10: A one tailed hypothesis predicts-----

The future

The lottery result

The frequency of the effect

The direction of the effect

Question # 2 of 10: To say that a theory is falsifiable is to say that;

It is based on results that are not replicable.

Investigators have replaced it with a simpler or more accurate theory.

We can imagine results that would contradict it.

It is so vague that it fits any and all possible results.

Question # 3 of 10: In the statement 'an examination of the effects of discretionary behaviour on employee performance' employee performance is the:

Independent variable

Dependent variable

Extraneous variable

Causal variable

Question # 4 of 10: The following journal article would be an example of _____ research; "The benefits of florescent lighting on production in a factory setting."

Applied

Interview



Basic

Stupid

Question # 5 of 10: To explain, predict, and/or control phenomena are the goal of ---

Tradition

Inductive logic

Deductive logic

The scientific method

Question # 6 of 10: A concept is a generalized idea about ----- .

A class of objects

Attributes

Occurrences

All of the given options

Question # 7 of 10: _____ meanings attached to a concept create problems of measurements.

Unambiguous

Vague


Clear

Dictionary

Question # 8 of 10: Which one of the following creates problems of measurements of a concept?

Unambiguous meanings

Vague meanings



Clear meanings

Dictionary meanings

Question # 9 of 10: The purpose of a literature review is to:

Help you find out what is already known about this area.

Identify any inconsistencies or gaps in the literature.

Demonstrate an awareness of the theoretical context in which the current study can be located.

Find what is already known, identify gaps demonstrate awareness.


Question # 10 of 10: Why do you need to review the existing literature?

To give your dissertation a proper academic appearance, with lots of references

Because without it, you could never reach the required word-count

To find out what is already known about your area of interest

To help in your general studying



Quiz # 2:

Question # 1 of 20: If a nominal scale is used, it is permissible to calculate which of the following statistics?

Mean

Range

Percentile

Mode

Question # 2 of 20: Which of the following statements is false?

Discrete variables allow measurement of an infinite number of fractions of units of measurement.

Discrete variables can only have whole number values.

Continuous numbers can only have whole number values.

Continuous measures do not allow for scores that fall between two number values.

Question # 3 of 20: What is ordinal data?

Ordinary data

Well behaved data

Ranked data

Numbers



Question # 4 of 20: Which of the following is not an example of deception?

A part of the truth is not communicated to the respondent

To observe code of ethics

To leak out information regarding any confidential matter

To create bias between respondents before the survey

Question # 5 of 20: Mr. Haris is interested in studying the shared beliefs and practices of the teachers in a small rural school. He is likely to use which research design?

Action research

Historical research

Ethnography

Grounded theory


Question # 6 of 20: Which of the following questions might invade the privacy of a research participant?

How long have you worked for this organisation?

What is your home address?

What do you think about your direct line manager?

What happened during your last performance appraisal?



Question # 7 of 20: What is opposite of a variable?

A constant

An extraneous variable

A dependent variable

A data set

Question # 8 of 20: Quantitative researcher's preoccupation with generalization is an attempt to:

Develop the law like findings of the natural sciences.

Boost their chances of publication.

Enhance the internal validity of their research.

Demonstrate the complex techniques of statistical analysis.


Question # 9 of 20: Which of the following is the BEST hypothesis?

Students taking formative quizzes will perform better on chapter exams than students not taking these quizzes.

Taller students will have higher test scores than shorter students.

Students taught in a cooperative group setting should do better than students in a traditional class.

Students using laptops will do well.



Question # 10 of 20: The independent variable is;

The variable manipulated in order to observe its effects

The variable that is measured

The free spirited variable

A confounding variable

Question # 11 of 20: After you locate a source, you should write down all details of the reference, except;

Full names of the authors

Titles

Volumes

Price


Question # 12 of 20: The following journal article would be an example of _____ research; "The benefits of florescent lighting on production in a factory setting."

Applied

Interview

Basic

Stupid



Question # 13 of 20: A measure has high internal consistency reliability when:

Multiple observers make the same ratings using the measure.

Participants score at the high end of the scale every time they complete the measure.

Multiple observers obtain the same score every time they use the measure.

Each of the items correlates with other items on the measure.

Question # 14 of 20: What is required if there is a chance that data could harm the respondents?

Change of results

A signed form detailing the types of limits

Free consent of respondents

All of the given options


Question # 15 of 20: The key objective of data analysis is to:

Calculate statistics

Understand relationships between variables

Obtain the distribution of responses for each question

Create tables which display the survey results



Question # 16 of 20: Which of the following is not a concept?

Leadership

Total Quality Management

Human Resource Management

IQ

Question # 17 of 20: Which one of the following creates problems of measurements of a concept?

Unambiguous meanings

Vague meanings

Clear meanings

Dictionary meanings


Question # 18 of 20: Ms. Laiba has decided to use the test at the end of the textbook to measure the achievement levels of the students in her study. Which of the following BEST describes the chapter test?

Definition

Construct

Variable

Operationalized variable



Question # 19 of 20: The scientific method is preferred over other ways of knowing because it is more;

Reliable

Systematic

Accurate

All of the given options

Question # 20 of 20: Which of the following is a concept?

Leadership.

Total Quality Management.

Human Resource Management.

All of the given options

Quiz # 3:


Question # 1 of 20: Which of the following is least likely to occur as an ethical problem with e-research?

People are not likely to be able to stop once they have begun participating.

Informed consent cannot be completely monitored.

Debriefing could be avoided.

Privacy could be invaded.



Question # 2 of 20: The most difficult sources to locate are;

Dissertations

Policy Reports and Presented Papers

Government Documents

Scholarly Books

Question # 3 of 20: Which of the following is the least obtrusive and most accurate method for recording data in an interview?

Note taking

Videotaping

Audiotaping

Writing notes after the interview

Question # 4 of 20: How can we determine if a test has good validity?

It produces the same result when it is given at different times to the same group of people

It produces the same result no matter which version of the test is used

It measures what it is supposed to measure

All of the questions on it can be answered accurately by the subject


Question # 5 of 20: How is nominal data presented?

In order

In discrete categories

Units of equal distance

Data where there is a true zero



Question # 6 of 20: When we say that science is parsimonious, we mean that:

Scientific theories are based on laws.

We must be careful because causes can occur after specific effects.

The best scientific theories are those that offer the simplest explanations for a law.

Science accurately describes a wide range of behavior.

Question # 7 of 20: A concept is a generalized idea about----- .

A class of objects

Attributes

Occurrences

All of the given options


Question # 8 of 20: The purpose of a literature review is to:

Help you find out what is already known about this area.

Identify any inconsistencies or gaps in the literature.

Demonstrate an awareness of the theoretical context in which the current study can be located.

Find what is already known, identify gaps demonstrate awareness.



Question # 9 of 20: A _____ scale only assigns numbers to objects to classify the objects according to the characteristic of interest.

Ratio

Nominal

Interval

Dichotomous

Question # 10 of 20: Procedures determining what two issues are rarely used in quantitative research?

Objectivity and subjectivity

Reliability and validity

Accessibility and replicability

Quality and quantity

Question # 11 of 20: What does Ordinal scale NOT imply?

Characteristics of nominal scale

Rank the object

Does not provide magnitude of object

Provide rate


Question # 12 of 20: A literature review requires;

planning

clear writing

good writing

All of the given option



Question # 13 of 20: Quantitative social researchers rarely claim to have established causality because:

They are more concerned with publishing the results of their reliability tests.

They do not believe that this is an appropriate goal to be striving for.

They keep forgetting which of the variables they have manipulated.

They tend to use cross-sectional designs, which produce only correlations.

Question # 14 of 20: When you are confident that the experimental manipulation produced the changes you measured in the dependent variable, your study probably has good _____ validity.

Construct

Internal

External

Causal


Question # 15 of 20: All the persons involved in the collection of data and supervision of data collection process are called;

Fieldworkers

Researchers

Research assistants

None of the given options



Question # 16 of 20: The key objective of data analysis is to:

Calculate statistics

Understand relationships between variables

Obtain the distribution of responses for each question

Create tables which display the survey results

Question # 17 of 20: The small scale trial run of a particular item is called

_____.

Test run

Pilot test

Post hoc test

t-test

Question # 19 of 20: Hypothesis refers to _____:

The outcome of an experiment

A conclusion drawn from an experiment

A form of bias in which the subject tries to outguess the experimenter

A tentative statement about the relationship

Question # 20 of 20: Detailed and unambiguous instructions are particularly important for:


Computer-assisted telephone surveys

Mail surveys

Computer-assisted personal interviews

Internet surveys





Quiz # 4:

Question # 1 of 20: Measurement reliability refers to the:

Accuracy of the scores

Consistency of the scores

Dependency of the scores

Comprehensiveness of the scores

Question # 2 of 20: Quantitative research has been criticised because:

The measurement process suggests a spurious and artificial sense of accuracy.

The reliance on instruments and procedures makes it high in ecological validity.

It underestimates the similarities between objects in the natural and social worlds.

It has no validity.

Question # 3 of 20: Why does qualitative interviewing have an advantage over participant observation when it comes to longitudinal research?

Repeat interviews are easier to organise.

It allows for a better exploration of key issues.

It is a more focused research method.

Participant observers are prone to 'go native' during longitudinal research.



Question # 4 of 20: Cover letter must include the following information, except:

How was the respondent selected?

Data collecting tools

Motivation for the respondent

Importance of research topic which is going to be conducted

Question # 5 of 20: How can we determine if a test has good validity?

It produces the same result when it is given at different times to the same group of people

It produces the same result no matter which version of the test is used

It measures what it is supposed to measure

All of the questions on it can be answered accurately by the subject

Question # 6 of 20: The logic of qualitative data analysis is described as:

Objective

Subjective

Inductive

Deductive

Question # 7 of 20: The validity of a measure refers to the:

Particular type of construct specification

Comprehensiveness with which it measures the construct

Accuracy with which it measures the construct

Consistency of the measurement



Question # 8 of 20: An advantage of computer-assisted telephone interviewing is:

Interviewing time is reduced

Data quality is enhanced

Questionnaires do not have to be coded

There is little opportunity for interviewer bias

Question # 9 of 20: Which of the following is not an example of deception?

A part of the truth is not communicated to the respondent

To observe code of ethics

To leak out information regarding any confidential matter

To create bias between respondents before the survey

Question # 10 of 20: What does it mean if two variables have a positive correlation?

As one variable increases, so does the other

As one variable increases, the other decreases

The correlation between the two variables is 0

The correlation between the two variables is greater than 1.0

Question # 11 of 20: The researcher protects the confidentiality in following ways,


Except;

Obtaining signed nondisclosure documents.

Restricting access to data instruments where the respondent is identified.

Disclosure of data subsets.

Restricting access to respondent identification.



Question # 12 of 20: Theoretical framework is trying to develop a _____ model of our study.

Functional

Conceptual

Operational

Practical

Question # 13 of 20: Which of the following is an example of deception in business research?

The obtaining of company material without permission.

The researcher wearing a disguise during an observation.

The researcher representing their research as being about a different topic.

The researcher failing to ask permission to interview someone.


Question # 14 of 20: To say that a theory is falsifiable is to say that;

It is based on results that are not replicable.

Investigators have replaced it with a simpler or more accurate theory.

We can imagine results that would contradict it.

It is so vague that it fits any and all possible results.



Question # 15 of 20: Which of the following is an excellent way to enhance the validity of interview data collection?

Spend an extended period of time in the field.

Obtain participant trust.

Recognize your own biases

Spend time in field, obtain participant trust, recognize biases.

Question # 16 of 20: When doing research involving deception with human subjects, researchers have an obligation to do which of the following?

Tell subjects the truth about the study's purpose and methods after the study is completed

Prevent mental and physical harm to subjects

Let subjects withdraw from the study at any time if they don't want to keep participating

All of the given options


Question # 17 of 20: Which of the following is an example of an issue that would be checked in a pilot testing?

Completion of all questions on a questionnaire

Legible writing

Single responses to all multiple choice questions

Logical answers between questions (i.e., attributes should be rated high if purchase interest is high)



Question # 18 of 20: What is the basis of the Scientific Method?

To test hypotheses in conditions that are conducive to its success.

To formulate a research problem and disprove the hypothesis.

To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis.

To test hypotheses and if they are disproved, they should be abandoned completely.

Question # 19 of 20: Quantitative social researchers rarely claim to have established causality because:

They are more concerned with publishing the results of their reliability tests.

They do not believe that this is an appropriate goal to be striving for.

They keep forgetting which of the variables they have manipulated.

They tend to use cross-sectional designs, which produce only correlations.


Question # 20 of 20: Rationalism is the application of:

Research solution

Logic and arguments

Reasoning

Previous findings



Quiz # 5:

Question # 1 of 20: After a researcher has stated the specific problem to be studied in an experiment, he must then develop a(n):

Theory

Conclusion

Hypothesis

Summary of the data

Question # 2 of 20: Which of the following control techniques available to the researcher controls for both known and unknown variables?

Building the extraneous variable into the design

Matching

Random assignment

Analysis of covariance

Question # 3 of 20: Quantitative research has been criticised because:

The measurement process suggests a spurious and artificial sense of accuracy.

The reliance on instruments and procedures makes it high in ecological validity.

It underestimates the similarities between objects in the natural and social worlds.

It has no validity.

Question # 4 of 20: Hypothesis refers to _____:

The outcome of an experiment

A conclusion drawn from an experiment

A form of bias in which the subject tries to outguess the experimenter

A tentative statement about the relationship

Question # 5 of 20: What is required if there is a chance that data could harm the respondents?

Change of results

A signed form detailing the types of limits

Free consent of respondents

All of the given options

Question # 6 of 20: Which of the following is a measure in which a researcher adds or combines several distinct indicators of a construct into a single score?

Scale

Index

Unidimensionality

Weighting


Question # 7 of 20: Which of the following is not an example of deception?

A part of the truth is not communicated to the respondent

To observe code of ethics

To leak out information regarding any confidential matter

To create bias between respondents before the survey



Question # 8 of 20: What is ordinal data?

Ordinary data

Well behaved data

Ranked data

Numbers

Question # 9 of 20: What research is?

A lab experiment

A report

A systematic Enquiry

A procedure


Question # 10 of 20: Which of the following terms refers to a statistical method that can be used to statistically equate groups on a pretest or some other variable?

Experimental control

Differential influence

Matching

Analysis of covariance



Question # 11 of 20: You wish to make a precise estimate about the characteristics of a population of individuals. You should use:

Quota sampling

Probability sampling

Accidental sampling

Snowball sampling

Question # 12 of 20: A researcher is interested in nonverbal behavior among young adults. The researcher goes to public gathering places in town and observes smiles, gestures, gaze, and touch. This is an example of;

Blind observation

Quasi-experimentation

Naturalistic observation

Field experimentation


Question # 13 of 20: Which type of research address major societal change?

Experimental Research

Action Research

Social Research

Historical Comparative Research



Question # 14 of 20: Rationalism is the application of:

Research solution

Logic and arguments

Reasoning

Previous findings

Which of the following provides insight into the complexity of using interviews?

Potential influence of gender or cultural differences between interviewer and interviewee

The accuracy of the interviewee's responses

The different semantic meanings of the language being used

Accuracy, influences and language used


Question # 16 of 20: Which of the following elements of Observation in Non Reactive research?

External Appearance

Count Behaviors

Time Duration

All of the given options



Question # 17 of 20: Research may differ along a series of dimensions. Which of the following may be applied to this statement?

The type of data collected.

The data-collection technique.

The level of manipulation used to elicit data collection.

All of the given options

Question # 18 of 20: Which one of the following tasks is NOT accomplished by theoretical framework?

Elaborate the relationship among the variables

Explain the logic underlying the relationship between the variables.

Describe the nature, and direction of the relationships among the variables.

Relates the previous studies.


Question # 19 of 20: _____ meanings attached to a concept create problems of measurements.

Unambiguous

Vague

Clear

Dictionary




Question # 20 of 20: When you are confident that the experimental manipulation produced the changes you measured in the dependent variable, your study probably has good _____ validity.

Construct

Internal

External

Causal



Quiz # 5:

Question # 1 of 20: When a variable is so closely associated with the independent variable that we do not know which one is producing the experimental effect, the variable is:

- Manipulated
- Confounded
- Unspecified
- Uncontrolled


Question # 2 of 20: If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

- Basic
- Applied
- Evaluation
- Grounded theory

Question # 3 of 20: Which of the following control techniques available to the researcher controls for both known and unknown variables?

Building the extraneous variable into the design

- Matching
- Random assignment
- Analysis of covariance



Question # 4 of 20: Procedures determining what two issues are rarely used in quantitative research?

Objectivity and subjectivity

Reliability and validity

Accessibility and replicability

Quality and quantity

Question # 5 of 20: Which of the following is the least appropriate research problem?

Does studying Latin improve the standardized vocabulary test scores of seventh grade students?

Does drilling fifth grade students with multiplication facts improve their standardized test scores?

What is the relationship between students' math attitudes and math achievement?

Should students have access to controversial novels in school?


Question # 9 of 20: Quantitative researcher's preoccupation with generalization is an attempt to:

Develop the law like findings of the natural sciences.

Boost their chances of publication.

Enhance the internal validity of their research.

Demonstrate the complex techniques of statistical analysis.



Question # 10 of 20: Which of the following concerns is MOST likely to become a problem if Mr. Baber uses purposive sampling techniques?

Generalizability from the sample to the population.

Statistically equal groups.

Subjects participating in the study.

Selection of participants who are thought to be informative, articulate, and experienced with the research topic and setting.

Question # 11 of 20: Which measure of dispersion is easiest to calculate?

Mean

Range

Median

Mode

Question # 13 of 20: Ms. Tania is thinking about changing her instructional approach to a more mastery-learning orientation. She is interested in knowing more about this topic as well as its effectiveness when working with elementary school students. On which source should she rely for such information:

Tradition

Research

Intuition

Personal experience



Question # 14 of 20: What type of sample involves some form of random selection so that every member of the sampling frame has an equal, non-zero chance of being included in the sample?

Probability sample

Zero-bias sample

All-inclusive sample

Non-probability sample

Question # 15 of 20: Which of the following statements is false?

Discrete variables allow measurement of an infinite number of fractions of units of measurement.

Discrete variables can only have whole number values.

Continuous numbers can only have whole number values.

Continuous measures do not allow for scores that fall between two number values.


Question # 16 of 20: Setting quotas for hard-to-reach respondents is one way to minimize _____ bias.

Interviewer

Respondent

Instrument

Sampling



Question # 17 of 20: Detailed and unambiguous instructions are particularly important for:

Computer-assisted telephone surveys

Mail surveys

Computer-assisted personal interviews

Internet surveys

Question # 18 of 20: Which type of research address major societal change?

Experimental Research

Action Research

Social Research

Historical Comparative Research

Question # 20 of 20: Which of the following is a measure of inflation?

Scale

Consumer price index

Weighting

Unidimensionality



1 of 20 (**Start time: 10:38:21 PM**)

Total Marks: 1

Which of the following is the least appropriate research problem?

Select correct option:

- ☐ Does studying Latin improve the standardized vocabulary test scores of seventh grade students?
- ☒ Does drilling fifth grade students with multiplication facts improve their standardized test scores?
- ☐ What is the relationship between students' math attitudes and math achievement?
- ☐ Should students have access to controversial novels in school?

Question # 2 of 20 (**Start time: 10:39:32 PM**)

Total Marks: 1

What is the final step of a scientific investigation?

Select correct option:


- ☐ Analyze data
- ☐ Collect data
- ☒ **Report the findings**
- ☐ Determine whether the hypothesis was supported

Question # 3 of 20 (**Start time: 10:40:45 PM**)

Total Marks: 1

If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

Select correct option:

- 
- ☐ Basic
 - ☐ Applied
 - ☐ Evaluation
 - ☐ Grounded theory

Question # 4 of 20 (Start time: 10:41:38 PM)

Total Marks: 1

_____ meanings attached to a concept create problems of measurements.

Select correct option:

- ☒ Unambiguous
- ☐ Vague
- ☐ Clear
- ☐ Dictionary

Question # 5 of 20 (Start time: 10:42:05 PM)

Total Marks: 1

What is the reason for consulting handbooks, yearbooks, encyclopedias, or reviews in the initial stages of identifying a research topic?

Select correct option:

- ☐ They are readily available.
- ☐ They provide an overview of the issues related to a topic.
- ☐ They are primary sources.
- ☒ They avoid reporting statistical data so one can interpret the results more easily.



Question # 6 of 20 (Start time: 10:43:30 PM)

Total Marks: 1

All of the following are true about theories, except;

Select correct option:

- ☐ They organize and summarize existing knowledge about a topic.
- ☐ They are tentative until the facts prove them true.
- ☐ They provide possible explanations for the phenomenon under study.
- ☐ They lead to testable hypotheses through the process of deduction.

A literature review requires;

Select correct option:

- ☐ planning
- ☐ clear writing
- ☐ good writing
- ☐ All of the given option

Research may differ along a series of dimensions. Which of the following may be applied to this statement?

Select correct option:

- ☐ The type of data collected.
- ☐ The data-collection technique.

☐ The level of manipulation used to elicit data collection.

☐ All of the given options

11 of 20 (**Start time: 10:49:48 PM**)

Total Marks: 1

What is a relationship between the literature survey and the theoretical framework?

Select correct option:

An indicator of reliability based on the correlations of each item in a measure with every other item is called:

Select correct option:

☐ Test-retest reliability

☐ Cronbach's alpha

☐ Split-half reliability

☐ Inter item ratio

Question # 13 of 20 (**Start time: 10:52:15 PM**)


Total Marks: 1

Which of the following should not be a consideration in writing a proposal?

Select correct option:

What is opposite of a variable?

Select correct option:

- 
- ☒ A constant
 - ☐ An extraneous variable
 - ☐ A dependent variable
 - ☐ A data set

Question # 15 of 20 (Start time: 10:54:40 PM)

Total Marks: 1

An operational definition is:

Select correct option:

- ☐ One that bears no relation to the underlying concept.
- ☐ An abstract, theoretical definition of a concept.
- ☒ A definition of a concept in terms of specific, empirical measures.
- ☐ One that refers to opera singers and their work.

The key objective of data analysis is to:

Select correct option:



Question # 17 of 20 (Start time: 10:56:46 PM)

Total Marks: 1

If a measure is consistent over multiple occasions, it has:

Select correct option:

- ☐ Inter-rater reliability
- ☐ Construct validity
- ☐ Internal validity
- ☐ Test-retest reliability

Quantitative research has been criticised because:

Select correct option:

- ☐ The measurement process suggests a spurious and artificial sense of accuracy.
- ☐ The reliance on instruments and procedures makes it high in ecological validity.
- ☐ It underestimates the similarities between objects in the natural and social worlds.
- ☐ It has no validity.

MC080404783 : Saqib Adnan

Time Left	68 sec(s)
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Quiz Start Time: 10:38 PM

Question # 19 of 20 (Start time: 10:58:39 PM)

Total Marks: 1

A review that only demonstrates familiarity with an area is rarely published but it often is part of an educational program is which type of review?



Select correct option:

- ☐ Integrative reviews
- ☐ Theoretical reviews
- ☒ Self-study reviews
- ☐ Historical reviews


Question # 20 of 20 (Start time: 10:59:41 PM)

Total Marks: 1

Which of the following is not an example of deception?

Select correct option:

- ☐ A part of the truth is not communicated to the respondent
- ☐ To observe code of ethics
- ☐ To leak out information regarding any confidential matter
- ☐ To create bias between respondents before the survey



Quiz # 1

Q1. All the persons involved in the collection of data and supervision of data collection process are called

i. Fieldworkers

- ii. Researchers
- iii. Research assistants
- iv. None of the given options

Q2. While terminating the interview, the fieldworker should not do one of the following:

- i. He should record all the responses made by the interviewee before leaving.
- ii. He should thank the interviewee.
- iii. He should close the interview hastily.**
- iv. He should answer all the questions the respondent asks concerning the nature and purpose of the study.

Q3. Which one of these is a type of Interviewee bias?


- i. The respondent does not tell his true income, age, or contact information.**
- ii. The fieldworker fails to probe the interviewee properly.
- iii. The fieldworker contacted the wrong person for interview.
- iv. The fieldworker asks the questions in wrong order.

Q4. A magazine conducts a survey and asks its readers to cut the questionnaire from the magazine, fill it and send it via mail. It is a type of

- i. Purposive sampling
- ii. Snowball sampling
- iii. Sequential sampling
- iv. Convenience sampling**

Q5. The height distribution of a few students in a school is an example of

- i. Statistic**
- ii. Population
- iii. Parameter
- iv. Element



Q6. A researcher wants to conduct a survey of the drug users. Which type of sampling technique will be most appropriate here?

i. Sequential sampling

ii. Snowball sampling

iii. Quota sampling

iv. Convenience sampling

Q7. When there is a need to apply different data collection methods to different parts of the population, the best sampling method would be

i. Double sampling

ii. Cluster sampling

iii. Stratified random sampling

iv. Systematic random sampling

Q8. The sampling technique in which every element of the population has an equal, non-zero probability of being selected in a sample, is called

i. Probability sampling

ii. Convenience sampling

iii. Purposive sampling

iv. Quota sampling

Q9. Target population is also called

i. Population

ii. Survey population

iii. Population element

iv. Population frame

Q10. Which one of them is the method for probing the respondent?

i. Repeat the question

ii. Give an expectant pause

iii. Repeat the respondent's reply

iv. All of the given options

1. Analysis of covariance is:


- a. A statistical technique that can be used to help equate groups on specific variables**
- b. A statistical technique that can be used to control sequencing effects
- c. A statistical technique that substitutes for random assignment to groups
- d. Adjusts scores on the independent variable to control for extraneous variables

2. To determine whether noise affects the ability to solve math problems, a researcher has one group solve math problems in a quiet room and another group solve math problems in a noisy room. The group solving problems in the noisy room completes 15 problems in one hour and the group solving problems in the quiet room completes 22 problems in one hour. In this experiment, the independent variable is _____ and the dependent variable is _____.

- a. The number of problems solves; the difficulty of the problems
- b. The number of problems solved; the noise level in the room
- c. The noise level in the room; the number of problems solved**
- d. The noise level in the room; the difficulty of the problems

3. The posttest-only design with nonequivalent groups is likely to control for which of the following threats to internal validity:

- a. History**
- b. Differential selection
- c. Additive and interactive effects
- d. Differential attrition



4. When all participants receive all treatment conditions, the study is susceptible to:


- a. Order effects
- b. Carryover effects
- c. Analysis of covariance
- d. a and b**

5. A researcher is interested in the effects of a preschool program on later school performance. Because she is concerned that socio-economic-status (SES) is a potential extraneous variable in her study, she picks children to study who are only from low SES homes. The control technique she used in this study was:

- a. Matching
- b. Random assignment
- c. Holding the extraneous variable constant**
- d. Statistically controlling the extraneous variable

6. Which of the following terms best describes an interaction effect?

- a. The effect of one independent variable (on a DV) depends on the level of another independent variable**
- b. Eliminating any differential influence of extraneous variables
- c. Sequencing effect that occurs from the order in which the treatment conditions are administered
- d. The effect of one independent variable on the dependent variable



7. Which of the following terms refers to a statistical method that can be used to statistically equate groups on a pretest or some other variable?

- a. Experimental control
- b. Differential influence
- c. Matching
- d. Analysis of covariance**

8. Which of the following is not a way to manipulate an independent variable?

- a. Presence technique
- b. Amount technique
- c. Type technique
- d. Random technique**

9. Which of the following designs permits a comparison of pretest scores to determine the initial equivalence of groups on the pretest before the treatment variable is introduced into the research setting.

- a. One-group pretest-posttest design
- b. Pretest-posttest control group design**
- c. Posttest-only design with nonequivalent groups
- d. Both b and c

10. Counterbalancing is _____.

- a. Usually based on random selection of participants
- b. Only used when one pretest variable needs to be controlled
- c. Chosen to control for such things as order and carryover effects***
- d. All of the above

for more contents visit



11. The group that receives the experimental treatment condition is the _____.

a. Experimental group

b. Control group

c. Participant group

d. Independent group

12. Which of the following control techniques available to the researcher controls for both known and unknown variables?

a. Building the extraneous variable into the design

b. Matching

c. Random assignment

d. Analysis of covariance

13. The group that does not receive the experimental treatment condition is the _____.

a. Experimental group

b. Control group

c. Treatment group

d. Independent group

14. There are a number of ways in which confounding extraneous variables can be controlled. Which control technique is considered to be the best?

a. Random assignment

b. Matching

c. Counterbalancing

d. None of the above



15. Which of the following could be used for randomly assigning participants to groups in an experimental study?

- a. Split-half (e.g., first half versus second half of a school directory)
- b. Even versus odd numbers
- c. Use a list of random numbers or a computer randomization program**
- d. Let the researcher decide which group will be the best

16. Which term is not related to counterbalancing?


- a. Carryover effect
- b. Order effect
- c. Sequencing effects
- d. Matching**

17. A cell is a combination of two or more _____ in a factorial design.

- a. Research designs
- b. Research measurements
- c. Dependent variables
- d. Independent variables**

18. Which of the following designs does an excellent job of controlling for rival hypotheses that threaten the internal validity of an experiment?

- a. Posttest-only design with nonequivalent groups
- b. Posttest-only control-group design
- c. Pretest-posttest control-group design
- d. Both b and c are excellent designs**



19. Manipulating the independent variable by varying the type on the independent variable that is presented to the different comparison groups is known as _____.

- a. Amount technique
- b. Absence technique
- c. Type technique**
- d. Presence technique

20. Which of the following terms is a sequencing effect that occurs from the order in which the treatment conditions are administered?


- a. Carry-over effect
- b. Order effect**
- c. Sequencing effects
- d. None of the above

21. When manipulating the independent variable in an educational experiment, which of the following describes this method?

- a. An independent variable is manipulated using the presence or absence technique
- b. The researchers varies the amount of the independent variable that is administered
- c. The researcher varies the type of the independent variable
- d. All of the above are possible**

22. Which method of controlling confounding extraneous variables takes precedence over all other methods?

- a. Matching individual participants
- b. Holding extraneous variables
- c. Building the extraneous variable into the research design
- d. Counterbalancing
- e. Randomly assign research participants to the groups**



23. In an experimental research study, the primary goal is to isolate and identify the effect produced by the ____.


- a. Dependent variable
- b. Extraneous variable
- c. Independent variable**
- d. Confounding variable

24. This type of design is one where all participants participate in all experimental treatment conditions.

- a. Factorial design
- b. Repeated measures design**
- c. Replicated design
- d. Pretest-posttest control-group design

25. A factorial design is one in which ____.

- a. Only one independent variable is studied to determine its effect on the dependent variable
- b. Only two independent variables are simultaneously studied to determine their independent and interactive effects on the dependent variable
- c. Two or more independent variables are simultaneously studied to determine their independent and interactive effects on the dependent variable**
- d. Two dependent variables are studied to determine their interactive effects



26. The design in which one group of research participants is administered a treatment and is then compared, on the dependent variable, with another group of research participants who did not receive the experimental treatment is ____.

- a. One-group posttest-only design
- b. One-group pretest-posttest design**
- c. Posttest-only design with nonequivalent groups
- d. time series design

27. ____ refers to the influence of a single independent variable.


- a. Interaction effect
- b. Reactive effect
- c. Main effect**
- d. Proactive effect

28. A sequencing effect that occurs when performance in one treatment condition is influenced by participation in a prior treatment condition is known as ____.

- a. Counterbalancing effect
- b. Carryover effect**
- c. Treatment effect
- d. Order effect

29. Which of the following is possible in a factorial design with two independent variables?

- a. There is only one main effect present
- b. There are two main effects present
- c. There are two main effects and an interaction effect present
- d. All of the above are possible**



30. Which of the following is a factorial design where different participants are randomly assigned to the levels of one independent variable but participants take all levels on another independent variable?

- a. One-group pretest-posttest
- b. Pretest-posttest control-group design
- c. Factorial design
- d. Factorial design based on a mixed mode**

1. In _____, the researcher attempts to control and/ or manipulate the variables in the study.

1. Experiment

- 2. Hypothesis
- 3. Theoretical framework
- 4. Research design

2. In an experimental research study, the primary goal is to isolate and identify the effect produced by the ____.

- 1. Dependent variable
- 2. Extraneous variable

3. Independent variable

- 4. Confounding variable

3. A measure is reliable if it provides consistent _____.

- 1. Hypothesis

2. Results

- 3. Procedure
- 4. Sensitivity

4. The interview in which questions are already prepared is called _____.

1. Telephonic interview
2. Personal interview
3. Unstructured interview

4. Structured interview

5. The numerical description that describe sample may be expected to differ from those

that describe population because of random fluctuations inherent in sampling process.


1. Sampling design
2. Non-probability sampling

3. Sampling error

4. Probability sampling

6. In _____ , each population element has a known and equal chance of selection.

1. Purposive sampling
 2. Quota sampling
 3. Stratified sampling
- 4. Simple random sampling**



7. _____ is the evidence that the instrument, techniques, or process used to measure concept does indeed measure the intended concepts.


1. Reliability
2. Replicability
3. Scaling
- 4. Validity**

8. A researcher is interested in studying why the “new math” of the 1960s failed. She interviews several teachers who used the new math during the 1960s. These teachers are considered as:

- 1. Primary sources**
2. Secondary Sources
3. External critics
4. Internal critics

9. Which of the following is NOT true about stratified random sampling?

1. It involves a random selection process from identified subgroups
- 2. Proportions of groups in the sample must always match their population proportions**
3. Disproportional stratified random sampling is especially helpful for getting large enough subgroup samples when subgroup comparisons are to be done
4. Proportional stratified random sampling yields a representative sample



10. Experimental design is the only appropriate design where _____ relationship can be established.

1. Strong
2. Linear
3. Weak

4. Cause and Effect

1. _____ research is based on naturalism.

A. Field research

- B. Descriptive research
- C. Basic research
- D. Applied research

2. Personal interviews conducted in shopping malls are known as _____

- A. Mall interviews

B. Mall intercept interviews

- C. Brief interviews
- D. None of the given options

3. _____ is used to obtain the freest opinion of the respondent, by asking general question before a specific question.

- A. Research technique
- B. Qualitative technique

C. Funnel technique

- D. Quantitative technique

4. In, _____ the interviewer and members jointly control the pace and direction of the interview.

A. Field interview

- B. Telephonic interview
- C. Both A and B
- D. None of the given options

5. Randomization of test units is a part of _____

- A. Pretest
- B. Posttest
- C. Matching
- D. Experiment**

6. Which one of the following sets is the measure of central tendency?

- a. Mean, standard deviation, mode
- b. Mean, median, standard deviation
- c. Arithmetic mean, median, mode**
- d. Standard deviation, internal validity, mode

7. Internal validity refers to _____.

- a. Researcher's degree of confidence.**
- b. Generalizability
- c. Operationalization
- d. All of the above

8. How many times the students appear in the research class is the example of _____.

- a. Intensity
- b. Space
- c. Frequency**
- d. Direction

9. Time consumed in mall intercept interview is _____.

- a. High
- b. Moderate**
- c. Low
- d. Nil

10. Departmental stores selected to test a new merchandising display system is the example of _____.

- a. Quota sampling
- b. Convenience sampling
- c. Judgmental sampling**
- d. Purposive sampling



1. Which is not a source of existing statistics?
 - A. Government
 - B. International agencies
 - C. Personal interviews**
 - D. Private sources

2. Followings are the advantages of secondary data except
 - A. Non-Reactivity
 - B. Selective survival**
 - C. Low cost
 - D. Spontaneity

3. Following are the disadvantages of secondary data except
 - A. Longitudinal analysis**
 - B. Sampling bias
 - C. Coding difficult
 - D. Incompleteness

4. The coding of the secondary data may be difficult because of
 - A. Differences in content or subject matter
 - B. Lack of standardization
 - C. Differences in length and format
 - D. All of these**

5. The researcher must be concerned about the following problems while using secondary data in research.
 - A. Validity
 - B. Reliability
 - C. Both of these**
 - D. None of these



Fill in the blanks

1. **Validity** problems occur when the researcher's theoretical definition does not match that of the government agency or organization that collected the information.
2. **Reliability** problems occur when official definition or the method of collecting Information changes over time.
3. **Secondary data** refer to information gathered by someone other than the researcher conducting the present study.
4. Experiments are best for topics where the researcher controls a situation and **manipulates** an Independent variable.
5. A **social indicator** is any measure of wellbeing used in policy.

Fill in the blanks with appropriate words

1. The **double blind** experiment is designed to control experimenter expectancy.
2. Pilot testing is also called **pre-testing**.
3. The totality, out of which sample is drawn is referred to as **population**.
4. The physical setting of the interview creates **Situational** bias.
5. **Probing** is the verbal prompts made by field worker.

Select the most suitable option for the given questions

1.research is based on naturalism.
 1. **Field research**
 2. Descriptive research
 3. Basic research
 4. Applied research
2. **Personal interviews conducted in shopping malls are known as.....**
 1. Mall interviews
 2. **Mall intercept interviews**
 3. Brief interviews
 4. None of the given options
3. is used to obtain the freest opinion of the respondent, by asking general question before a specific question.
 1. Research technique
 2. Qualitative technique
 3. **Funnel technique**
 4. Quantitative technique
4. **In, the interviewer and members jointly control the pace and direction of the interview.**
 - A. **Field interview**
 - B. Telephonic interview
 - C. Both A and B
 - D. None of the given options
1. **Randomization of test units is a part of**
 1. Pretest
 2. Posttest
 3. Matching
 4. **Experiment**



Fill in the blanks with appropriate words

1. Two power bases of scientific knowledge are Empiricism and **Rationalism**
1. Action research is a type of **Applied research**
1. Three types of longitudinal research are time series, **panel**, and cohort
1. The research proposal is just like a research report, but it is written **before** the research project begins.
1. Natural science concepts are often expressed in **symbolic** forms.

Select the most suitable option for the given questions

1. **Discrete variable is also called.....**
 1. Categorical variable
 2. Discontinuous variable
 3. **Both A & B**
 4. None of the above
1. **“Officers in my organization have higher than average level of commitment”**



Such a hypothesis is an example of.....

- A. **Descriptive Hypothesis**
- B. Directional Hypothesis
- C. Relational Hypothesis
- D. All of the above

1. 'Science' refers to.....

- A. A system for producing knowledge
- B. The knowledge produced by a system
- C. **Both A & B**
- D. None of the above

1. Which one of the following is not a characteristic of scientific method?

- 1. Deterministic
- 2. Rationalism
- 3. Empirical
- 4. **Abstraction**

1. The theoretical framework discusses the interrelationships among the.....

- A. **Variables**
- B. Hypothesis
- C. Concept
- D. Theory



1- Personal interviews conducted in shopping malls are known as:

- A. Mall interviews
- B. Mall intercept interviews**
- C. Brief interviews
- D. None of the given options

2- WATS lines provided by long distance telephone service at fixed rates. In this regard, WATS is the abbreviation of:

- A. West Africa Theological Seminary
- B. Washtenaw Area Transportation Study
- C. Wide Area Telecommunications Service**
- D. World Air Transport Statistics

3- A list of questions which is handed over to the respondent, who reads the questions and records the answers himself is known as the:

- A. Interview schedule
- B. Questionnaire**
- C. Interview guide
- D. All of the given options

4- One of the most critical stages in the survey research process is:

- A. Research design
- B. Questionnaire design**
- C. Interview design
- D. Survey design

5- Question that consists of two or more questions joined together is called a:

- A. Double barreled question**
- B. General question
- C. Accurate question
- D. Confusing question



6- The number of questionnaires returned or completed divided by the total number of eligible people who were contacted or asked to participate in the survey is called the:

- A. Response rate**
- B. Participation rate
- C. Inflation rate
- D. None of the given options

7- To obtain the freest opinion of the respondent, when we ask general question before a specific question then this procedure is called as the:

- A. Research technique
- B. Qualitative technique
- C. Funnel technique**
- D. Quantitative technique

8- A small scale trial run of a particular component is known as:

- A. Pilot testing
- B. Pre-testing
- C. Lab experiments
- D. Both A & B**

9- Field testing of the questionnaire shows that:

- A. Respondents are willing to co-operate**
- B. Respondents are not willing to co-operate
- C. Respondents do not like any participation
- D. All of the given options

10- Service evaluation of hotels and restaurants can be done by the:

- A. Self-administered questionnaires**
- B. Office assistant
- C. Manager



D. None of the given options

Rationalism is the application of:

Select correct option:

Research solution

Logic and arguments

Reasoning

Previous findings

Question # 3 of 10

Total Marks: 1

The independent variable is;

Select correct option:

The variable manipulated in order to observe its effects

The variable that is measured

The free spirited variable

A confounding variable

What research is?

Select correct option:

A lab experiment

A report

A systematic Enquiry

A procedure



If a researcher is studying the effect of using laptops in his classroom to ascertain their merit and worth, he is likely conducting which type of research?

Select correct option:

Basic

Applied

Evaluation

Experimental

The elaboration of the variables in the theoretical framework addresses which type of questions?

Select correct option:

Why we expect certain relationships to exist

How we expect certain relationships to exist

Both of the given questions

None of the given questions

What is an hypothesis?

Select correct option:

A prediction of a relationship between certain variables.

An experiment that tests certain predictions.

An independent variable.



A dependent variable

Question # 9 of 10

Total Marks: 1

A literature review requires;

Select correct option:

planning

clear writing

good writing

All of the given option

Question # 10 of 10

Total Marks: 1

12. Which of the following true about the relationship between theory building and data collection?

Select correct option:

When studies come out as expected, inductive support for the theory is gained.

If an experiment fails, discarding the experiment is an example of affirming the consequent.

When a hypothesis is not supported, virtually nothing has been learned about the theory.

A good theory will be inclusive enough to explain every possible research outcome.

. 13 If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

Basic

Applied



Evaluation

Grounded theory

1- Hypothesis refers to

- a) The outcome of an experiment
- b) A conclusion drawn from an experiment
- c) A form of bias in which the subject tries to outguess the experimenter
- d) A tentative statement about the relationship**

2- Statistics is used by researchers to

- a) Analyze the empirical data collected in a study**
- b) Make their findings sound better
- c) Operationally define their variables
- d) Ensure the study comes out the way it was intended

3- A literature review requires

- a) Planning
- b) Good & clear writing
- c) Lot of rewriting
- d) All of the above**

4- A literature review is based on the assumption that

- a) Copy from the work of others
- b) Knowledge accumulates and learns from the work of others**
- c) Knowledge disaccumulates
- d) None of the above option

5- A theoretical framework

- a) Elaborates the r/s among the variables
- b) Explains the logic underlying these r/s
- c) Describes the nature and direction of the r/s



d) All of the above

6- Which of the following statement is not true?

- a) A research proposal is a document that presents a plan for a project
- b) A research proposal shows that the researcher is capable of successfully conducting the proposed research project
- c) A research proposal is an unorganized and unplanned project**
- d) A research proposal is just like a research report and written before the research project

7- Preliminary data collection is a part of the

- a) Descriptive research
- b) Exploratory research**
- c) Applied research
- d) Explanatory research


8- Conducting surveys is the most common method of generating

- a) Primary data**
- b) Secondary data
- c) Qualitative data
- d) None of the above

9- After identifying the important variables and establishing the logical reasoning in theoretical framework, the next step in the research process is

- a) To conduct surveys
- b) To generate the hypothesis**
- c) To focus group discussions
- d) To use experiments in an investigation

10- The appropriate analytical technique is determined by

- 
- a) The research design
b) Nature of the data collected
c) Nature of the hypothesis
d) Both A & B

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- d) All of the given options



20-Service evaluation of hotels and restaurants can be done by the:

a) Self-administered questionnaires

b) Office assistant

c) Manager

d) None of the given options

Why do you need to review the existing literature?

Select correct option:

To give your dissertation a proper academic appearance, with lots of references

Because without it, you could never reach the required word-count

To find out what is already known about your area of interest

To help in your general studying

Which one of the following is not an assumption of science?

Select correct option:

There are reoccurring patterns in the world.

Events happen because of preceding causes.

We can discover solutions to problems of interest.

Theoretical explanations must agree with common sense.

The scientific method is preferred over other ways of knowing because it is more;

Select correct option:



Reliable

Systematic

Accurate

All of the given options

Which of the following is not a concept?

Select correct option:

Leadership

Total Quality Management

Human Resource Management

IQ

What is an hypothesis?

Select correct option:

A prediction of a relationship between certain variables.

An experiment that tests certain predictions.

An independent variable.

A dependent variable.

Which one of the following creates problems of measurements of a concept?

Select correct option:

Unambiguous meanings

Vague meanings

Clear meanings

Dictionary meanings

_____ meanings attached to a concept create problems of measurements.



Select correct option:

Unambiguous

Vague

Clear

Dictionary

Under which of the following research method is not applicable?

Select correct option:

Health care

Business

Government offices

Imaginary worlds

One tailed hypothesis predicts-----

Select correct option:

The future

The lottery result

The frequency of the effect

The direction of the effect

Quiz #2 STA 630

MC080200627 : Muhammad Naveed

Question # 1 of 15 (Start time: 05:33:57 PM) Total Marks: 1

If a nominal scale is used, it is permissible to calculate which of the following statistics?

Select correct option:

Mean

Range



Percentile

Mode

Question # 2 of 15 (Start time: 05:35:07 PM) Total Marks: 1

The key objective of data analysis is to:

Select correct option:

Calculate statistics

Understand relationships between variables

Obtain the distribution of responses for each question

Create tables which display the survey results

Question # 3 of 15 (Start time: 05:36:34 PM) Total Marks: 1

Bias is defined as;

Select correct option:

The distortion of responses based on gender, ethnicity, race, or language

A lack of validity

A lack of reliability

A poor interpretation of a student's score

Question # 4 of 15 (Start time: 05:37:51 PM) Total Marks: 1

Which of the following is a research method that allows a researcher to get information about a large number of subjects relatively inexpensively and easily?

Select correct option:

Naturalistic observation

Case study

Laboratory observation


Survey

Question # 5 of 15 (Start time: 05:39:14 PM) Total Marks: 1

What is the first step in the research process?

Select correct option:

Preliminary data collection



Problem definition

Theoretical framework

Define broad problem area

Question # 6 of 15 (Start time: 05:40:06 PM) Total Marks: 1

When you are confident that the experimental manipulation produced the changes you measured in the dependent variable, your study probably has good _____ validity.

Select correct option:

Construct

Internal

External

Causal

Question # 7 of 15 (Start time: 05:41:19 PM) Total Marks: 1

What is a relationship between the literature survey and the theoretical framework?

Select correct option:

Provides a solid foundation for developing the latter

Literature survey helps in the identification of the relevant variables

The theoretical framework explains the theory underlying these relations

All of the given options

Question # 8 of 15 (Start time: 05:42:44 PM) Total Marks: 1

In which way does a ratio scale measurement differ from an interval measurement?

Select correct option:

It measures larger or smaller scores on some underlying dimension.

It implies the existence of an absolute zero value.

It requires the mutual exclusivity of all cases.

It requires that exhaustiveness is applied to all observations.

Question # 9 of 15 (Start time: 05:44:05 PM) Total Marks: 1

All of these are characteristics of scientific methods of research except, it is;

Select correct option:

Cumulative

Deterministic

Unethical

Rationalism

Question # 10 of 15 (Start time: 05:45:19 PM) Total Marks: 1

The elaboration of the variables in the theoretical framework addresses which type of questions?

Select correct option:

Why we expect certain relationships to exist

How we expect certain relationships to exist

Both of the given questions

None of the given questions

Question # 11 of 15 (Start time: 05:46:06 PM) Total Marks: 1

Which of the following is the least appropriate research problem?

Select correct option:

Does studying Latin improve the standardized vocabulary test scores of seventh grade students?

Does drilling fifth grade students with multiplication facts improve their standardized test scores?

What is the relationship between students' math attitudes and math achievement?

Should students have access to controversial novels in school?

Question # 12 of 15 (Start time: 05:47:19 PM) Total Marks: 1

A _____ scale only assigns numbers to objects to classify the objects according to the characteristic of interest.

Select correct option:

Ratio

Nominal

Interval

Dichotomous

Question # 13 of 15 (Start time: 05:48:44 PM) Total Marks: 1

Which of the following is NOT a characteristic of a good research topic?

Select correct option:

It is ethical.

It can be investigated through the collection and analysis of data.

It focuses on a philosophical or ethical issue.

It is theoretically or practically significant.

Question # 14 of 15 (Start time: 05:49:44 PM) Total Marks: 1

Which of the following should not be a consideration in writing a proposal?

Select correct option:

Understanding the problem situation

The appearance/form of the proposal

Responding to every element exactly as specified by the client

Knowing as much as possible about the proposal recipients

Question # 15 of 15 (Start time: 05:50:42 PM) Total Marks: 1

The extent to which we can generalize the results of a study to other participants is called:

Select correct option:

Sampling validity

External validity

Construct validity

Internal validity

Question # 1 of 15 (Start time: 11:42:46 PM)

Total Marks: 1

A review that only demonstrates familiarity with an area is rarely published but it often is part of an educational program is which type of review?

▶ Select correct option:

- ☐ Integrative reviews
- ☐ Theoretical reviews
- ☐ Self-study reviews
- ☒ Historical reviews

Question # 2 of 15 (Start time: 11:43:29 PM)

Total Marks: 1

To explain, predict, and/or control phenomena are the goal of-----

▶ Select correct option:

- ☐ Tradition
- ☐ Inductive logic
- ☐ Deductive logic
- ☒ The scientific method

Question # 3 of 15 (Start time: 11:43:50 PM)

Total Marks: 1

Which one of the following creates problems of measurements of a concept?

▶ Select correct option:

- ☐ Unambiguous meanings
- ☒ Vague meanings

- ☐ Clear meanings
- ☐ Dictionary meanings

Question # 4 of 15 (Start time: 11:44:36 PM)

Total Marks: 1

What is the reason for consulting handbooks, yearbooks, encyclopedias, or reviews in the initial stages of identifying a research topic?

▶ **Select correct option:**

- ☐ They are readily available.
- ☐ **They provide an overview of the issues related to a topic.**
- ☐ They are primary sources.
- ☐ They avoid reporting statistical data so one can interpret the results more easily.

Question # 5 of 15 (Start time: 11:45:56 PM)

Total Marks: 1

To say that a theory is falsifiable is to say that;

▶ **Select correct option:**

- ☐ It is based on results that are not replicable.
- ☐ Investigators have replaced it with a simpler or more accurate theory.
- ☐ **We can imagine results that would contradict it.**
- ☐ It is so vague that it fits any and all possible results.

Question # 6 of 15 (Start time: 11:46:32 PM)

Total Marks: 1

The most critical areas of an article to read is;

▶ **Select correct option:**

- ☐ **Results section**

☐ Introduction

☐ Abstract

☐ Limitations

Question # 7 of 15 (Start time: 11:47:10 PM)

Total Marks: 1

Which of the following is a discrete variable?

▶ Select correct option:

☐ Age

☐ Nationality

☐ Test score

☐ Income

Question # 8 of 15 (Start time: 11:48:18 PM)

Total Marks: 1

A one tailed hypothesis predicts-----

▶ Select correct option:

☐ The future

☐ The lottery result

☐ The frequency of the effect


☐ The direction of the effect

Question # 9 of 15 (Start time: 11:49:28 PM)

Total Marks: 1

An operational definition is:

▶ Select correct option:

- 
- ☐ One that bears no relation to the underlying concept.
 - ☐ An abstract, theoretical definition of a concept.
 - ☒ **A definition of a concept in terms of specific, empirical measures.**
 - ☐ One that refers to opera singers and their work.

Question # 10 of 15 (Start time: 11:49:54 PM)

Total Marks: 1

Ms. Tania is thinking about changing her instructional approach to a more mastery-learning orientation. She is interested in knowing more about this topic as well as its effectiveness when working with elementary school students. On which source should she rely for such information?

 **Select correct option:**

- ☐ Tradition
- ☐ Research
- ☐ Intuition
- ☐ Personal experience

Question # 11 of 15 (Start time: 11:51:17 PM)

Total Marks: 1

Which of the following is the best hypothesis statement to address the research question, "What impact will the new advertising campaign have on use of Brand B?"

 **Select correct option:**

- ☒ **The new advertising campaign will impact Brand B usage.**
- ☐ The new advertising campaign will increase Brand B trial.
- ☐ The new advertising campaign will cause increased Brand B usage at the expense of Brand C.
- ☐ The new advertising campaign will increase Brand B's market penetration.

Question # 12 of 15 (Start time: 11:52:20 PM)

Total Marks: 1

Ms. Roshi has been coordinating the Annual Festival at her school for the last several years. She wants to be sure the students and parents enjoy the festival again this year. On which source is she LEAST likely to rely when making decisions about what to do?

 **Select correct option:**

- ☐ Tradition
- ☐ Personal experience
- ☐ Research
- ☐ Expert opinion

Question # 13 of 15 (Start time: 11:53:23 PM)

Total Marks: 1

If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

 **Select correct option:**

- ☐ Basic
- ☐ Applied
- ☐ Evaluation
- ☐ Grounded theory

Question # 14 of 15 (Start time: 11:53:39 PM)

Total Marks: 1

Rationalism is the application of:

 **Select correct option:**

- ☐ Research solution
- ☐ Logic and arguments

- ☒ Reasoning
- ☐ Previous findings

Question # 15 of 15 (Start time: 11:54:40 PM)

Total Marks: 1

After a researcher has stated the specific problem to be studied in an experiment, he must then develop a(n):

▶ Select correct option:

- ☐ Theory
- ☐ Conclusion
- ☒ Hypothesis
- ☐ Summary of the data

MC080400961 : Muhammad Usman

Time Left

62

sec(s)

Quiz Start Time: 12:52 PM

Question # 1 of 20 (Start time: 12:52:40 PM)

Total Marks: 1

Which of the following is an example of an issue that would be checked in a pilot testing?

▶ Select correct option:

- ☐ Completion of all questions on a questionnaire
- ☐ Legible writing
- ☐ Single responses to all multiple choice questions

☐ Logical answers between questions (i.e., attributes should be rated high if purchase interest is high)



Click here to Save Answer & Move to Next Question

MC080400961 : Muhammad Usman

Time Left

57

sec(s)



Quiz Start Time: 12:52 PM

Question # 2 of 20 (Start time: 12:54:31 PM)

Total Marks: 1

What is an hypothesis?



Select correct option:

- ☐ A prediction of a relationship between certain variables.
- ☐ An experiment that tests certain predictions.
- ☐ An independent variable.
- ☐ A dependent variable.



Click here to Save Answer & Move to Next Question

MC080400961 : Muhammad Usman

Time Left

62

sec(s)



Quiz Start Time: 12:52 PM

Question # 3 of 20 (Start time: 12:55:13 PM)

Total Marks: 1

Which of the following is an excellent way to enhance the validity of interview data collection?



Select correct option:

- ☐ Spend an extended period of time in the field.

- ☐ Obtain participant trust.
- ☐ Recognize your own biases
- ☐ Spend time in field, obtain participant trust, recognize biases.



Click here to Save Answer & Move to Next Question

MC080400961 : Muhammad Usman

Time Left **89**
sec(s)

Quiz Start Time: 12:52 PM

Question # 4 of 20 (**Start time: 12:56:25 PM**)

Total Marks: 1

Why, as scientists, do we not want to rely on authority for explanations?



Select correct option:

- ☐ Those in authority are often wrong.
- ☐ Those in authority cannot be challenged.
- ☐ Those in authority rely too much on objective information.
- ☐ Those in authority often have no common sense.



Click here to Save Answer & Move to Next Question

MC080400961 : Muhammad Usman

Time Left **77**
sec(s)

Quiz Start Time: 12:52 PM

Question # 5 of 20 (**Start time: 12:57:56 PM**)

Total Marks: 1

Ms. Roshi has been coordinating the Annual Festival at her school for the last several years. She wants to be sure the students and parents enjoy the festival again this year. On which source is she LEAST likely to rely when making

decisions about what to do?

▶ **Select correct option:**

- ☐ Tradition
- ☐ Personal experience
- ☐ Research
- ☐ Expert opinion



Click here to Save Answer & Move to Next Question

MC080400961 : Muhammad Usman

Time Left **81**
sec(s) 

Quiz Start Time: 12:52 PM

Question # 6 of 20 (**Start time: 12:58:30 PM**)

Total Marks: 1

What does Ordinal scale NOT imply?

▶ **Select correct option:**

- ☐ Characteristics of nominal scale
- ☐ Rank the object
- ☐ Does not provide magnitude of object
- ☐ Provide rate



Click here to Save Answer & Move to Next Question

MC080400961 : Muhammad Usman

Time Left **63**
sec(s) 

Quiz Start Time: 12:52 PM

Question # 7 of 20 (Start time: 12:59:42 PM)

Total Marks: 1

Which of the following is an example of deception in business research?

▶ Select correct option:

- ☐ The obtaining of company material without permission.
- ☐ The researcher wearing a disguise during an observation.
- ☐ The researcher representing their research as being about a different topic.
- ☐ The researcher failing to ask permission to interview someone.



Click here to Save Answer & Move to Next Question

MC080400961 : Muhammad Usman

Time Left

78

sec(s)

Quiz Start Time: 12:52 PM

Question # 8 of 20 (Start time: 01:01:05 PM)

Total Marks: 1

In which way does a ratio scale measurement differ from an interval measurement?

▶ Select correct option:

- ☐ It measures larger or smaller scores on some underlying dimension.
- ☐ It implies the existence of an absolute zero value.
- ☐ It requires the mutual exclusivity of all cases.
- ☐ It requires that exhaustiveness is applied to all observations.



Click here to Save Answer & Move to Next Question

Question No: 1 (Marks: 1) - Please choose one

The part of the action research spiral that differentiates this research methodology from other kinds of research is;

- ▶ Looking at multiple sources of data.
- ▶ Taking action based on results. **Correct**
- ▶ Thinking about or analyzing data in more than one way.
- ▶ The kinds of data that are collected.

Question No: 2 (Marks: 1) - Please choose one

Individuals who engage in action research are most concerned with:

- ▶ Supporting the way things are being done.
- ▶ Publishing results **Correct**
- ▶ Proving a hypothesis
- ▶ Improvement

Question No: 3 (Marks: 1) - Please choose one

Research may differ along a series of dimensions. Which of the following may be applied to this statement?

- ▶ The level of manipulation used to elicit data collection.
- ▶ The data-collection technique. **Correct**
- ▶ The type of data collected.
- ▶ Type, technique and manipulation of data collection.

Question No: 4 (Marks: 1) - Please choose one

Which of the following statements best defines hypothesis?

- ▶ A quantitative study.
- ▶ A tentative prediction of the results of the research. **Correct**
- ▶ A qualitative research design.
- ▶ The operational definition of the study.

Question No: 5 (Marks: 1) - Please choose one

What is the first step in the research process?

- ▶ Problem definition **Correct**
- ▶ Define broad problem area
- ▶ Theoretical framework
- ▶ Preliminary data collection

Question No: 6 (Marks: 1) - Please choose one

When there is a need of generating new ideas for hypotheses or to interpret the results of some research, which one is the best research design?

- ▶ Experiment
- ▶ Surveys
- ▶ Focus group discussion **Correct**
- ▶ Communication analysis

Question No: 7 (Marks: 1) - Please choose one

Which of the following is an example of deception in business research?

- ▶ The obtaining of company material without permission.
- ▶ The researcher wearing a disguise during an observation.
- ▶ The researcher representing their research as being about a different topic.

Correct


- ▶ The researcher failing to ask permission to interview someone.

Question No: 8 (Marks: 1) - Please choose one

Which of the following is least likely to occur as an ethical problem with electronic research?

- ▶ Privacy could be invaded.
- ▶ People are not likely to be able to stop once they have begun participating.

Correct

- 
- ▶ Debriefing could be avoided.
 - ▶ Informed consent cannot be completely monitored.

Question No: 9 (Marks: 1) - Please choose one

All of the following are unethical issues, EXCEPT;

- ▶ Invoicing irregularities
- ▶ Avoiding legal liability
- ▶ Misrepresenting results
- ▶ Seeking permission for entry **Correct**


Question No: 10 (Marks: 1) - Please choose one

Which of the following is the difference between measures and indicators?

- ▶ Measures are unambiguous quantities, whereas indicators are devised from common sense understandings.
- ▶ Indicators have a more direct relationship to the underlying concept than measures. **Correct**
- ▶ Measures are intuitively devised and then applied as if they were direct indicators of a concept.
- ▶ Indicators are unambiguous quantities, whereas measures are subjective and value-laden.

Question No: 11 (Marks: 1) - Please choose one

The extent to which a test provides scores that are meaningful, appropriate, or useful is referred to as;

- 
- ▶ Reliability
 - ▶ Accuracy **Correct**
 - ▶ Internal validity
 - ▶ Validity

Question No: 12 (Marks: 1) - Please choose one

Which of the following functions is performed by the Ordinal scale?

- ▶ Categorize
- ▶ Distance
- ▶ Order **Correct**
- ▶ Unique origin

Question No: 13 (Marks: 1) - Please choose one

What is the difference between interval/ratio and ordinal variables?

- ▶ Ordinal data can be rank ordered, but interval/ratio data cannot.
- ▶ The distance between categories is equal across the range of interval/ratio data.
- ▶ Interval/ratio variables contain only two categories.
- ▶ Ordinal variables have a fixed zero point, whereas interval/ratio variables do not.

Correct

Question No: 14 (Marks: 1) - Please choose one

Which of the following statement refers to cross-sectional design?

- ▶ A comparison of two or more variables over a long period of time
- ▶ The collection of data from more than one case at one moment in time **Correct**
- ▶ One that is devised when the researcher is in a bad mood

- ▶ A study of one particular section of society, e.g. the middle classes

Question No: 15 (Marks: 1) - Please choose one

Which of the following is TRUE for research plan?

- ▶ It should be detailed.
- ▶ It should be given to others for review and comments.
- ▶ It sets out the rationale for a research study.
- ▶ All of the given options **Correct**

Question No: 16 (Marks: 1) - Please choose one

Which of the following typically does NOT apply to observers in survey research studies?

- ▶ They observe predetermined activities.
- ▶ They are participant observers.
- ▶ They obtain information by watching rather than asking. . **Correct**
- ▶ They must be careful not to influence the activities they observe.

Question No: 17 (Marks: 1) - Please choose one

Which of the following is **not** an advantage of the self-completion questionnaire over the structured interview?

- ▶ It is cheaper to administer.
- ▶ It is quicker to administer.
- ▶ It is easier to prompt the interviewee.
- ▶ It is easier to remove interviewer effects. . **Correct**

Question No: 18 (Marks: 1) - Please choose one

Mr. X has coded his observations to hide the identity of each of the three participants in his study. He is ensuring;

- ▶ protection from harm
- ▶ confidentiality

- ▶ informed consent
- ▶ anonymity . **Correct**

Question No: 19 (Marks: 1) - Please choose one

The cover letter to a questionnaire study should contain all of the following, EXCEPT;

- ▶ A list of participants
- ▶ A self-addressed, stamped envelope
- ▶ Purpose of the study
- ▶ Reasons to respond . **Correct**

Question No: 20 (Marks: 1) - Please choose one

Teachers are advised to predict the results of student attitudinal questionnaires, because;

- ▶ It will help them decide if students answered truthfully.
- ▶ It gives them a point of comparison against which to judge actual responses.

Correct

- ▶ It will allow them to apply statistical procedures in analyzing results.
- ▶ It helps them familiarize themselves with the questionnaires.

Question No: 21 (Marks: 1) - Please choose one


In conducting an action research study of "student's organizational skills during class in a particular school", which of the following would NOT likely to provide useful data?

- ▶ Interviews with teachers
- ▶ Classroom observations
- ▶ Parent surveys **Correct**
- ▶ Teacher's journal entries

Question No: 22 (Marks: 1) - Please choose one

Why it is helpful to keep a research diary or log book while you are conducting your project?

- ▶ To give you something to do in the early stages of your research when nothing is happening.



▶ Because funding councils generally demand to see written evidence that you were working every day during the period of the research.

▶ To keep a record of what you did and what happened throughout the research process. **Correct**

▶ It can be added to your dissertation to ensure that you reach the required word limit.

Question No: 23 (Marks: 1) - Please choose one

Which of the following is likely to happen if clear instructions are not given as to how the respondent should answer the question?

- ▶ Respondents may delete inappropriate answers rather than select appropriate ones.
- ▶ Respondents may choose only one answer when they need to choose as many as apply.
- ▶ Respondents may complete questions that are not relevant to them.
- ▶ All of the given options. **Correct**

Question No: 24 (Marks: 1) - Please choose one

Which of the following is NOT a suitable topic for research using a diary?

- ▶ The amount of time managers spend on particular activities.
- ▶ The frequency with which managers undertake particular tasks.
- ▶ The locations in which a trade union representative has discussions with individual members. **Correct**
- ▶ The volume of female managers in the retail industry.

Question No: 25 (Marks: 1) - Please choose one

Which of the following represents excellent advice for conducting an interview?

- ▶ Listen more and talk less
- ▶ Don't interrupt
- ▶ Don't be judgmental about the interviewee's beliefs or views

- ▶ All of the given options **Correct**

Question No: 26 (Marks: 1) - Please choose one

Which of the following is an example of a dilemma that might face feminist business researchers conducting qualitative interviews with women?

- ▶ What role to adopt while interviewing male managers?
- ▶ How many female employees should be interviewed for a representative sample?

Correct

- ▶ How to overcome the issue of false consciousness?
- ▶ What data to use while publishing findings?

Question No: 27 (Marks: 1) - Please choose one

Which of the following sampling strategies was used when the three students with the highest GPAs were selected?

- ▶ Extreme case **Correct**
- ▶ Snowball
- ▶ Maximum variation
- ▶ Normal case

Question No: 28 (Marks: 1) - Please choose one

Which type of sampling strategy is exemplified by selecting two types of individuals: those who are extremely happy and those who are extremely sad?

- ▶ Snowball
- ▶ Intensity **Correct**
- ▶ Homogeneous

- ▶ Purposive

Question No: 29 (Marks: 1) - Please choose one

The logic of purposive sampling is:

- ▶ To use participants because the researcher has access to them.
- ▶ That a random sample can generalize to a population.
- ▶ That a few information-rich participants studied in depth yield many insights

about a topic. **Correct**

- ▶ To include all participants, even though they are not all relevant to the problem.

Question No: 30 (Marks: 1) - Please choose one

Using a sample of 30 participants, a researcher finds a correlation of 0.30 between two variables. The relationship is not statistically significant. If the researcher were to triple her sample size, which of the following is most likely?

- ▶ The correlation would be statistically significant.
- ▶ The correlation would be larger. **Correct**
- ▶ The correlation would be smaller.
- ▶ Nothing is likely to change.

Question No: 31 (Marks: 1) - Please choose one

Which of the following steps begins the analysis of qualitative data?

- ▶ Reading and memoing
- ▶ Describing the content and participants **Correct**
- ▶ Classifying and interpreting
- ▶ Data management

Question No: 32 (Marks: 1) - Please choose one

Which of the following represents the most general conceptualization in qualitative data analysis?

- ▶ Word
- ▶ Topic **Correct**

- ▶ Category
- ▶ Pattern

Question No: 33 (Marks: 1) - Please choose one

Which of the following BEST differentiates data analysis from interpretation?

- ▶ Interpretation requires more conceptual and integrative thinking than data analysis.
- ▶ Interpretation involves computerized analysis of data.
- ▶ Data analysis is explanatory and interpretation is conceptual. **Correct**
- ▶ Data analysis involves conceptualization but interpretation does not.

Question No: 34 (Marks: 1) - Please choose one

The statistic used to determine the relationship between two variables is:

- ▶ Analysis of covariance
- ▶ Chi square
- ▶ Standard deviation **Correct**
- ▶ Pearson " r "

Question No: 35 (Marks: 1) - Please choose one

Which of the following is NOT a control procedure used in causal-comparative research?

- ▶ Matching.
- ▶ Subgroups.
- ▶ Chi square. **Correct**
- ▶ Analysis of covariance.

Question No: 36 (Marks: 1) - Please choose one

Which of the following best describes qualitative data coding?

- ▶ Adding all of the scores together and describing them statistically.
- ▶ Identify data segments that contain general episodes.
- ▶ Numerically representing the concepts identified by the participants. **Correct**

- ▶ Dividing data in parts that represent single thoughts.

Question No: 37 (Marks: 1) - Please choose one

The bivariate tables derived from trivariate table are called;

- ▶ Sub table
- ▶ Bivariates
- ▶ Partial
- ▶ Correlational tables **Correct**

Question No: 38 (Marks: 1) - Please choose one

Quasi-experimental research is used because:

- ▶ Random selection is not possible
- ▶ Neither random selection nor random assignment is possible
- ▶ Random assignment is not possible **Correct**
- ▶ There are no comparison groups available

Question No: 39 (Marks: 1) - Please choose one

A researcher believes that the effects of a treatment will be different for males and females. Which one is the best method to test this possible interaction?

- ▶ Single-subject design
- ▶ Factorial design
- ▶ Time-series design **Correct**
- ▶ Quasi-experimental design

Question No: 40 (Marks: 1) - Please choose one

The influence of the researcher's background, personal experiences, preferences, or attitude on an interview or observation is technically defined as:

- ▶ Participant bias
- ▶ Observer bias
- ▶ Observer effect **Correct**

- ▶ Nonparticipant effect

Question No: 41 (Marks: 1) - Please choose one

On which component of his field notes did Mr. Majid focused when he expressed in his notes his thoughts and ideas about what he observed?

- ▶ Description **Correct**
- ▶ Reflection
- ▶ Protocol
- ▶ Formal data

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Question No: 42 (Marks: 1) - Please choose one

Which of the following is linked with an abstract model of underlying relations or causal mechanism?

- ▶ Historical comparative research **Correct**
- ▶ Social research
- ▶ Action research
- ▶ Experimental research

Question No: 43 (Marks: 1) - Please choose one

In which section is the researcher allowed greater flexibility to express opinions, discuss implications for educational practice, and suggest additional research?

- ▶ Review of the literature
- ▶ Significance of the study
- ▶ Results

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▶ Discussion **Correct**

Question No: 44 (Marks: 1) - Please choose one

Which of the following can be referred as Haphazard Sampling?

- ▶ Convenience Sampling
- ▶ Purposive Sampling
- ▶ Snowball Sampling **Correct**
- ▶ Quota Sampling

Question No: 45 (Marks: 1) - Please choose one

An important issue in index construction is to-----items.

- ▶ Reconstruct
- ▶ Codify
- ▶ Measure
- ▶ Weight **Correct**

Question No: 46 (Marks: 1) - Please choose one

Which of the following elements of Observation is/are included in Non Reactive research?

- ▶ External Appearance
- ▶ Count Behaviors
- ▶ Time Duration
- ▶ All of the given options **Correct**

Question No: 47 (Marks: 1) - Please choose one

Secondary /existing data may include which of the following?

- ▶ Official documents

- ▶ Personal documents
- ▶ Archived research data **Correct**
- ▶ All of the given options

Question No: 48 (Marks: 1) - Please choose one

Which of the following major problem exist with non respondents in survey research?

- ▶ They tend to be alike in many ways.
- ▶ Data cannot be analyzed for only part of a sample.
- ▶ They cannot be found to determine if they are similar to respondents. **Correct**
- ▶ They may have different opinions than respondents.

Question No: 49 (Marks: 1) - Please choose one

Which of the following advantage differentiates personal interview from mail, internet and telephonic survey?

- ▶ Cheaper
- ▶ Expensive
- ▶ Easier **Correct**
- ▶ Inexpensive

Question No: 50 (Marks: 1) - Please choose one

Which one of the following methods offers the lowest degree of geographic flexibility?

- ▶ Mail survey
- ▶ Telephone interview
- ▶ Door-to-door personal interview **Correct**
- ▶ Internet survey

Question No: 51 (Marks: 1) - Please choose one

Which of the following survey research methods is the most expensive?

- ▶ Telephone interview
- ▶ Mail survey
- ▶ Door-to-door personal interview **Correct**
- ▶ Mall intercept personal interview

Question No: 52 (Marks: 1) - Please choose one

When a respondent tells the interviewer that he reads "Best Selling English News Paper" on a daily basis so that he can impress the interviewer, this is an example of:

- ▶ Administrative bias
- ▶ Interviewer bias
- ▶ Submission bias
- ▶ Response bias **Correct**

Question No: 53 (Marks: 1) - Please choose one


All of the following are stages in the selection of a sample **EXCEPT**:

- ▶ Determine sample size
- ▶ Analyze data **Correct**
- ▶ Conduct fieldwork
- ▶ Select a sampling frame

Question No: 54 (Marks: 1) - Please choose one

A stratified sample in which the number of sampling units drawn from each stratum is in proportion to the population size of that stratum is called a:

- ▶ Balanced stratified sample **Correct**
- ▶ Proportional stratified sample

- 
- ▶ Cluster sampling
 - ▶ Convenience sample

Question No: 55 (Marks: 1) - Please choose one

Assigning males the value of zero and females the value of one in a database to record the gender of the respondents is an example of:

- ▶ Coding **Correct**
- ▶ Editing
- ▶ Verification
- ▶ Test tabulation

Question No: 56 (Marks: 1) - Please choose one

Arranging data into a table is called:

- ▶ Analysis
- ▶ Frequency
- ▶ Interpretation
- ▶ Tabulation **Correct**

Question No: 57 (Marks: 1) - Please choose one

A researcher interested in a data matrix that displays the frequency of some combination of possible responses to multiple variables should construct a:

- ▶ Contingency table
- ▶ Regression equation

- ▶ Marginal table
- ▶ None of the given options **Correct**

Question No: 58 (Marks: 1) - Please choose one

When initial subjects are selected randomly and additional subjects are obtained from recommendations of names from the initial subjects, this sampling technique is called:

- ▶ Judgment sample
- ▶ Snowball
- ▶ Convenience sample
- ▶ Cluster sample **Correct**

Question No: 59 (Marks: 1) - Please choose one


When different interviewers are used in a pretest from those used in the posttest and this produces different results in the study, this is an example of a:

- ▶ History effect
- ▶ Mortality effect
- ▶ Instrumentation effect **Correct**
- ▶ Cohort effect

Question No: 60 (Marks: 1) - Please choose one

Which of the following is a threat to the internal validity of experiment using a repeated measures design?

- ▶ Instrumentation effect **Correct**

- 
- ▶ Cohort effect
 - ▶ Attrition effect
 - ▶ All of the given options

Question No: 61 (Marks: 1) - Please choose one

Most threats to _____ are taken care of by the experiment's design, while most threats to _____ need to be taken care of by the designer of the experiment.

- ▶ Internal validity, external validity
- ▶ External validity, internal validity **Correct**
- ▶ Randomization, reliability
- ▶ Reliability, randomization

Question No: 62 (Marks: 1) - Please choose one

In which of the following, the beginning and end are not clear. The interview can be picked up later?

- ▶ Survey Interview
- ▶ Field Interview **Correct**
- ▶ Deception
- ▶ None of the given options

Question No: 63 (Marks: 1) - Please choose one

The written set of guidelines that describes an outline of topics to be covered by a focus group moderator is called a:

- ▶ Discussion guide **Correct**

- ▶ Concept test
- ▶ Case study
- ▶ All of the given options

MC080203173 : Khurram Khan

Time Left **17**
sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 1 of 10 (Start time: 09:17:02 AM)

Total Marks: 1

When you are confident that the experimental manipulation produced the changes you measured in the dependent variable, your study probably has good _____ validity.

▶ Select correct option:

- ☒ Construct see page 55
- ☐ Internal
- ☐ External
- ☐ Causal



Click here to Save Answer & Move to Next Question

Pagr 55three major types of validity: (1) content validity, (2) criterion-related validity, and (3) construct validity.

MC080203173 : Khurram Khan

Time Left **76**
sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 3 of 10 (Start time: 09:19:55 AM)

Total Marks: 1

The small scale trial run of a particular item is called _____.

▶ Select correct option:

☐ Test run

☒ Pilot test see page 80

☐ Post hoc test

☐ t-test



Click here to Save Answer & Move to Next Question

Pilot testing also called pre-testing means small scale trial run of a particular component

MC080203173 : Khurram Khan

Time Left

22

sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 3 of 10 (Start time: 09:19:55 AM)

Total Marks: 1

The small scale trial run of a particular item is called _____.



Select correct option:

☐ Test run

☒ Pilot test

☐ Post hoc test

☐ t-test



Click here to Save Answer & Move to Next Question

MC080203173 : Khurram Khan

Time Left

66

sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 4 of 10 (Start time: 09:21:15 AM)

Total Marks: 1

The independent variable is;

▶ Select correct option:

- ☒ The variable manipulated in order to observe its effects see page 19
- ☐ The variable that is measured
- ☐ The free spirited variable
- ☐ A confounding variable



Click here to Save Answer & Move to Next Question

see page 19..last paragraph

Independent variables affect or have an impact on other variables ...

MC080203173 : Khurram Khan

Time Left

43

sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 5 of 10 (Start time: 09:22:34 AM)

Total Marks: 1

To say that a theory is falsifiable is to say that;

▶ Select correct option:

- ☐ It is based on results that are not replicable.
- ☐ Investigators have replaced it with a simpler or more accurate theory.
- ☒ We can imagine results that would contradict it.
- ☐ It is so vague that it fits any and all possible results.



Click here to Save Answer & Move to Next Question

MC080203173 : Khurram Khan

Time Left

20

sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 6 of 10 (Start time: 09:23:55 AM)

Total Marks: 1

Which of the following is an advantage of open questions?

▶ Select correct option:

- ☒ They allow respondents to answer in their own terms.
- ☐ They prevent respondents from giving unusual answers.
- ☐ They allow respondents to put less effort into their answer.
- ☐ They allow respondents to code their answers in advance.

Click here to Save Answer & Move to Next Question

MC080203173 : Khurram Khan

Time Left

79

sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 7 of 10 (Start time: 09:25:19 AM)

Total Marks: 1

Mr. Haris is interested in studying the shared beliefs and practices of the teachers in a small rural school. He is likely to use which research design?

▶ Select correct option:

- ☐ Action research see page 9
- ☐ Historical research

- ☐ Ethnography
- ☐ Grounded theory

See page 9 -- Action researchers assume that knowledge develops from experience, particularly the experience of social-political action.



Click here to Save Answer & Move to Next Question

MC080203173 : Khurram Khan

Time Left **85**
sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 8 of 10 (Start time: 09:26:46 AM)

Total Marks: 1

What is an hypothesis?



Select correct option:

- ☐ A prediction of a relationship between certain variables.
- ☒ An experiment that tests certain predictions.
- ☐ An independent variable.
- ☐ A dependent variable.



Click here to Save Answer & Move to Next Question

MC080203173 : Khurram Khan

Time Left **84**
sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 9 of 10 (Start time: 09:27:55 AM)

Total Marks: 1

Which of the following is to read in an article?

 **Select correct option:**

☐ Methods

☒ Introduction see page 29

☐ Figures

☐ References



Click here to Save Answer & Move to Next Question

Se page 29...Critically reading research reports requires skills and take time and practice to develop. When reading an article, read carefully to see whether the introduction and title really fit with the rest of the article

MC080203173 : Khurram Khan

Time Left

74

sec(s)

Quiz # 2

Quiz Start Time: 09:17 AM

Question # 10 of 10 (Start time: 09:29:19 AM)

Total Marks: 1

Which of the following is not a concept?

 **Select correct option:**

☐ Leadership

☐ Total Quality Management

☐ Human Resource Management

☒ IQ



Click here to Save Answer & Move to Next Question

MC080203784 : Maria Butt

Time Left 81
sec(s)

Quiz # 2

Quiz Start Time: 09:30 AM

Question # 1 of 10 (Start time: 09:30:47 AM)

Total Marks: 1

Theoretical framework is trying to develop a _____ model of our study.

 Select correct option:

☐ Functional

☒ Conceptual see page 30

☐ Operational

☐ Practical



Click here to Save Answer & Move to Next Question

See page 30 ..A theoretical framework is conceptual model of how one theorizes or makes logical sense of the

MC080203784 : Maria Butt

Time Left 59
sec(s)

Quiz # 2

Quiz Start Time: 09:30 AM


Question # 2 of 10 (Start time: 09:31:16 AM)

Total Marks: 1


The most critical areas of an article to read is;

 Select correct option:

 **Results section** see page 29

 Introduction

 Abstract

 Limitations



Click here to Save Answer & Move to Next Question

See page 29 The most critical areas of an article to read are the methods and results sections.

MC080203784 : Maria Butt

Time Left

13

sec(s) 

Quiz # 2

Quiz Start Time: 09:30 AM

Question # 3 of 10 (Start time: 09:32:03 AM)

Total Marks: 1

A researcher developed a measure of shyness and is now asking whether this measure does in fact measure a person's true state of shyness. This is a question of:



Select correct option:



Reactivity



Construct validity



Reliability



Content validity



Click here to Save Answer & Move to Next Question

MC080203784 : Maria Butt

Time Left 17
sec(s)

Quiz # 2

Quiz Start Time: 09:30 AM

Question # 4 of 10 (Start time: 09:33:28 AM)

Total Marks: 1

All the persons involved in the collection of data and supervision of data collection process are called;

 Select correct option:

- ☒ Fieldworkers see page 82
- ☐ Researchers
- ☐ Research assistants
- ☐ None of the given options



Click here to Save Answer & Move to Next Question

See page 82 ...Who conducts the fieldwork?

Data collection in a sponsored study is rarely carried out by the person who designs the research project.

For a student, depending upon the sample size, data collection is usually done by the student himself/herself.

MC080203784 : Maria Butt

Time Left 49
sec(s)

Quiz # 2

Quiz Start Time: 09:30 AM

Question # 5 of 10 (Start time: 09:34:45 AM)

Total Marks: 1

When doing research involving deception with human subjects, researchers have an obligation to do which of the following?

 Select correct option:

- ☐ Tell subjects the truth about the study's purpose and methods after the study is completed

- ☐ Prevent mental and physical harm to subjects
- ☐ Let subjects withdraw from the study at any time if they don't want to keep participating
- ☒ All of the given options see page 43



Click here to Save Answer & Move to Next Question

see page 43. .decepcion topic

MC080203784 : Maria Butt

Time Left	12 sec(s)
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Quiz # 2

Quiz Start Time: 09:30 AM

Question # 6 of 10 (Start time: 09:35:41 AM)

Total Marks: 1

What is the basis of the Scientific Method?

Select correct option:

- ☐ To test hypotheses in conditions that are condusive to its success.
- ☐ To formulate a research problem and disprove the hypothesis.
- ☒ To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis. See page 3
- ☐ To test hypotheses and if they are disproved, they should be abandoned completely.



Click here to Save Answer & Move to Next Question

see page 3

MC080203784 : Maria Butt

Time Left	42 sec(s)
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Quiz # 2

Quiz Start Time: 09:30 AM

Question # 7 of 10 (Start time: 09:37:08 AM)

Total Marks: 1

Which of the following is least likely to occur as an ethical problem with e-research?

 **Select correct option:**

- ☒ People are not likely to be able to stop once they have begun participating. See Page 151
- ☐ Informed consent cannot be completely monitored.
- ☐ Debriefing could be avoided.
- ☐ Privacy could be invaded.



Click here to Save Answer & Move to Next Question

See page 151 Read ...Ethical problems are less intense in H-C research than in other types of social research because a researcher is less likely to have direct contact with people being studied.

MC080203784 : Maria Butt

Time Left **78**
sec(s) 

Quiz # 2

Quiz Start Time: 09:30 AM

Question # 9 of 10 (Start time: 09:39:48 AM)

Total Marks: 1

A good qualitative problem statement:

 **Select correct option:**

- ☐ Defines the independent and dependent variables
- ☒ Conveys a sense of emerging design see page 34
- ☐ Specifies a research hypothesis to be tested
- ☐ Specifies the relationship between variables that the researcher expects to find.



Click here to Save Answer & Move to Next Question

see page 34 A proposal for quantitative research has most of the parts of a research report: a title, an abstract, a problem statement, a literature review, a method or design section

MC080203255 : ROHAIL TARIQ

Time Left **81**
sec(s)

Quiz # 2

Quiz Start Time: 09:42 AM

Question # 1 of 10 (Start time: 09:42:35 AM)

Total Marks: 1

Which of the following is likely to reduce the validity of a test?

 Select correct option:

- ☐ Unclear test directions
- ☐ Ambiguous test items
- ☐ Untaught items
- ☒ All of the given options



Click here to Save Answer & Move to Next Question

MC080203255 : ROHAIL TARIQ

Time Left **12**
sec(s)

Quiz # 2

Quiz Start Time: 09:42 AM

Question # 2 of 10 (Start time: 09:42:54 AM)

Total Marks: 1

To explain, predict, and/or control phenomena are the goal of-----

 Select correct option:

- ☐ Tradition
- ☐ Inductive logic
- ☐ Deductive logic
- ☒ The scientific method



Click here to Save Answer & Move to Next Question

MC080203255 : ROHAIL TARIQ

Time Left 41
sec(s)

Quiz # 2

Quiz Start Time: 09:42 AM

Question # 3 of 10 (Start time: 09:44:22 AM)

Total Marks: 1

Which of the following is the BEST hypothesis?

▶ Select correct option:

- ☐ Students taking formative quizzes will perform better on chapter exams than students not taking these quizzes.
- ☐ Taller students will have higher test scores than shorter students.
- ☒ Students taught in a cooperative group setting should do better than students in a traditional class.
- ☐ Students using laptops will do well.



Click here to Save Answer & Move to Next Question

not sure...

MC080203255 : ROHAIL TARIQ

Time Left 87
sec(s)

Quiz # 2

Quiz Start Time: 09:42 AM

Question # 4 of 10 (Start time: 09:45:50 AM)

Total Marks: 1

12. Which of the following true about the relationship between theory building and data collection?

▶ Select correct option:

- ☒ When studies come out as expected, inductive support for the theory is gained.
- ☐ If an experiment fails, discarding the experiment is an example of affirming the consequent.
- ☐ When a hypothesis is not supported, virtually nothing has been learned about the theory.

☐ A good theory will be inclusive enough to explain every possible research outcome.



Click here to Save Answer & Move to Next Question

MC080203255 : ROHAIL TARIQ

Time Left 49
sec(s)

Quiz # 2

Quiz Start Time: 09:42 AM

Question # 5 of 10 (Start time: 09:47:14 AM)

Total Marks: 1

Which of the following is NOT a legitimate research problem as stated?



Select correct option:



What is the relationship between the number of books children read and their reading scores?



Should competitive games be banned from elementary schools?



What does it mean to be a special needs child "included" in Ms. Amara's fourth grade class?



What are the major legal principles applied to educational cases decided by the Supreme Court?



Click here to Save Answer & Move to Next Question

see page 77.....

MC080203255 : ROHAIL TARIQ

Time Left 64
sec(s)

Quiz # 2

Quiz Start Time: 09:42 AM

Question # 7 of 10 (Start time: 09:49:53 AM)

Total Marks: 1

A variable is:



Select correct option:

- ☒ Any characteristic of interest that can take on more than one value see pag 19
- ☐ Defined as the groups manipulated in experimental research
- ☐ The complete set of scores we use in statistical analysis
- ☐ Completely specified only in observational research



Click here to Save Answer & Move to Next Question

Se page 19...The second type of concept and measures of the concept are variables. A variable is defined as anything that varies or changes in value. Variables take on two or more values.

MC080203255 : ROHAIL TARIQ

Time Left

86

sec(s)



Quiz # 2

Quiz Start Time: 09:42 AM

Question # 8 of 10 (Start time: 09:50:41 AM)

Total Marks: 1

The small scale trial run of a particular item is called _____.



Select correct option:

- ☐ Test run
- ☒ Pilot test
- ☐ Post hoc test
- ☐ t-test



Click here to Save Answer & Move to Next Question



MC080203255 : ROHAIL TARIQ

Time Left	69 sec(s)
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Quiz # 2

Quiz Start Time: 09:42 AM

Question # 9 of 10 (Start time: 09:51:01 AM)

Total Marks: 1

If a researcher is studying the effect of using laptops in his classroom to ascertain their merit and worth, he is likely conducting which type of research?

▶ Select correct option:

- ☐ Basic
- ☐ Applied
- ☒ Evaluation
- ☐ Experimental



Click here to Save Answer & Move to Next Question

MC080203255 : ROHAIL TARIQ

Time Left	79 sec(s)
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Quiz # 2

Quiz Start Time: 09:42 AM

Question # 10 of 10 (Start time: 09:52:29 AM)

Total Marks: 1

Measurement reliability refers to the:

▶ Select correct option:

- ☐ Accuracy of the scores
- ☒ Consistency of the scores
- ☐ Dependency of the scores
- ☐ Comprehensiveness of the scores

see apge 57



Click here to Save Answer & Move to Next Question

see page 57.... **Reliability**

The reliability of a measure indicates the extent to which it is without bias (error free) and hence ensures

consistent measurement across time and across the various items in the instrument. In other words, the

reliability of a measure is an indication of the *stability* and *consistency* with which the instrument measures the concept and helps to assess the ‘goodness’ of measure.

MC080203781 : Waqas Tariq

Time Left

83

sec(s)

Quiz # 2

Quiz Start Time: 09:55 AM

Question # 1 of 10 (Start time: 09:55:45 AM)

Total Marks: 1

Ms. Roshi has been coordinating the Annual Festival at her school for the last several years. She wants to be sure the students and parents enjoy the festival again this year. On which source is she LEAST likely to rely when making decisions about what to do?



Select correct option:



Tradition



Personal experience

no refrnce



Research



Expert opinion



Click here to Save Answer & Move to Next Question

MC080203781 : Waqas Tariq

Time Left

84

sec(s)

Quiz # 2

Quiz Start Time: 09:55 AM

Question # 2 of 10 (Start time: 09:56:59 AM)

Total Marks: 1

All the persons involved in the collection of data and supervision of data collection process are called;

▶ Select correct option:

- ☒ Fieldworkers
- ☐ Researchers
- ☐ Research assistants
- ☐ None of the given options



Click here to Save Answer & Move to Next Question

MC080203781 : Waqas Tariq

Time Left

80

sec(s)

Quiz # 2

Quiz Start Time: 09:55 AM

Question # 3 of 10 (Start time: 09:57:16 AM)

Total Marks: 1

Why, as scientists, do we not want to rely on authority for explanations?

▶ Select correct option:

- ☐ Those in authority are often wrong.
- ☒ Those in authority cannot be challenged.
- ☐ Those in authority rely too much on objective information.
- ☐ Those in authority often have no common sense.



Click here to Save Answer & Move to Next Question

MC080203781 : Waqas Tariq

Time Left 30
sec(s)

Quiz # 2

Quiz Start Time: 09:55 AM

Question # 4 of 10 (Start time: 09:58:40 AM)

Total Marks: 1

Which of the following is not an example of deception?

▶ Select correct option:

- ☒ A part of the truth is not communicated to the respondent see page 43
- ☐ To observe code of ethics
- ☐ To leak out information regarding any confidential matter
- ☐ To create bias between respondents before the survey



Click here to Save Answer & Move to Next Question

See page 43..read ths topic....

Deception: Deception occurs when the respondents are told only part of the truth or when the truth is fully compromised.

MC080203781 : Waqas Tariq

Time Left 10
sec(s)

Quiz # 2

Quiz Start Time: 09:55 AM

Question # 5 of 10 (Start time: 10:00:03 AM)

Total Marks: 1

When we say that science is parsimonious, we mean that:

▶ Select correct option:

- ☐ Scientific theories are based on laws.
- ☐ We must be careful because causes can occur after specific effects.
- ☐ The best scientific theories are those that offer the simplest explanations for a law.

☐ Science accurately describes a wide range of behavior.



Click here to Save Answer & Move to Next Question

MC080203781 : Waqas Tariq

Time Left **68**
sec(s)

Quiz # 2

Quiz Start Time: 09:55 AM

Question # 6 of 10 (Start time: 10:01:31 AM)

Total Marks: 1

Which of the following is a research method that allows a researcher to get information about a large number of subjects relatively inexpensively and easily?



Select correct option:



Naturalistic observation



Case study



Laboratory observation



Survey

se page 37



Click here to Save Answer & Move to Next Question

see page 37..read survey topic..

MC080203781 : Waqas Tariq

Time Left **38**
sec(s)

Quiz # 2

Quiz Start Time: 09:55 AM

Question # 7 of 10 (Start time: 10:02:17 AM)

Total Marks: 1

Why do you need to review the existing literature?



Select correct option:

☐ To give your dissertation a proper academic appearance, with lots of references

☐ Because without it, you could never reach the required word-count

☒ To find out what is already known about your area of interest see page 25

☐ To help in your general studying



Click here to Save Answer & Move to Next Question

see page 25.. A review tells

the reader that the researcher knows the research in an area and knows the major issues.

Rationalism is the application of:

Select correct option:

Research solution

Logic and arguments

Reasoning see page no .5

Previous findings

Question # 3 of 10

Total Marks: 1

The independent variable is;

Select correct option:

The variable manipulated in order to observe its effects see page 19

The variable that is measured

The free spirited variable

A confounding variable



What research is?

Select correct option:

- A lab experiment
- A report
- A systematic Enquiry
- A procedure

If a researcher is studying the effect of using laptops in his classroom to ascertain their merit and worth, he is likely conducting which type of research?

Select correct option:

- Basic
- Applied
- Evaluation** **see page 9**
- Experimental

The elaboration of the variables in the theoretical framework addresses which type of questions?

Select correct option:

- Why we expect certain relationships to exist
- How we expect certain relationships to exist
- Both of the given questions** **see page 22**



None of the given questions

What is an hypothesis?

Select correct option:

A prediction of a relationship between certain variables.

An experiment that tests certain predictions.

Page 21 last line

An independent variable.

A dependent variable

Question # 9 of 10

Total Marks: 1

A literature review requires;

Select correct option:

planning

clear writing

good writing

All of the given option

page 29 startng lines

Question # 10 of 10

Total Marks: 1

12. Which of the following true about the relationship between theory building and data collection?

Select correct option:

When studies come out as expected, inductive support for the theory is gained. Not confirm

If an experiment fails, discarding the experiment is an example of affirming the consequent.

When a hypothesis is not supported, virtually nothing has been learned about the theory.


A good theory will be inclusive enough to explain every possible research outcome.

The scientific method is preferred over other ways of knowing because it is more;

- Reliable
- Systematic
- Accurate
- **All of the given options**

What is ordinal data?

- Ordinary data
- Well behaved data
- Ranked data
- Numbers



The facts that should be collected to measure a variable, depend upon the


- Conceptual understanding
- Dictionary meaning
- Operational definition
- All of the above

The _____ is only useful if the concepts, ideas, questions, etc. to be investigated are both testable and falsifiable.

- Independent Variable
- Dependent Variable
- Experimental Method
- Scientific Method

Which of the following is false with regard to the benefits of multiple-choice questions over open-ended questions?

- Multiple-choice questions are easier to design
- Multiple-choice questions are less costly for coding and data processing
- Multiple-choice questions are quicker to administer
- The use of multiple-choice questions results in higher cooperation for self-administered surveys



Ms. Roshi has been coordinating the Annual Festival at her school for the last several years. She wants to be sure the students and parents enjoy the festival again this year. On which source is she LEAST likely to rely when making decisions about what to do?


- Tradition
- Personal experience
- Research
- Expert opinion

Which of the the following is not included in Objects?

- Tables
- People
- Books
- Weight

12. Which of the following true about the relationship between theory building and data collection?

- When studies come out as expected, inductive support for the theory is gained.
- If an experiment fails, discarding the experiment is an example of affirming the consequent.
- When a hypothesis is not supported, virtually nothing has been learned about the theory.
- A good theory will be inclusive enough to explain every possible research outcome.



Which of the following is not a feature of theoretical framework?

Making an inventory of variables

- Specify the direction of relationship
- Presenting findings
- Making an inventory of propositions

Time consumed in mall intercept interview is-----.

- High
- Moderate
- Low
- Nil

If an interview is conducted with a respondent who does not meet the qualifications for a study, what kind of bias has occurred?

- Respondent bias
- Position bias
- Non-response bias
- Instrument bias

A telephone company is interested in obtaining customers' reactions to a new service package. Which of the following primary research methods would be most effective in reaching this audience to obtain their feedback?

- An Internet survey
- Telephone interviews
- A mail survey
- Focus groups



A concept is a generalized idea about----- .

- A class of objects
- Attributes
- Occurrences
- All of the given options

Theoretical framework is trying to develop a _____ model of our study.

- Functional
- Conceptual
- Operational
- Practical

A literature review requires;

- planning
- clear writing
- good writing
- All of the given option

Question 1 of (Start time: 09:18:47 PM) Total Marks: 1

How is nominal data presented?

Select correct option:

In order

In discrete categories

Units of equal distance

Data where there is a true zero



Question 2 (Start time: 09:19:25 PM J Total Marks: 1

Which one of the following creates problems of measurements of a concept?

Select correct option:

Unambiguous meanings

Vague meanings

Clear meanings

Dictionary meanings

Question 3 (Start time: 09:19:56 PM) Total Marks: 1

When doing research involving deception with human subjects, researchers have an obligation to do which of the following?

Select correct option:

Tell subjects the truth about the study's purpose and methods after the study is completed

Prevent mental and physical harm to subjects

Let subjects withdraw from the study at any time if they don't want to keep participating

All of the given options

Question 4 (Start time: 09:20:43 PM J Total Marks: 1

In the statement 'an examination of the effects of discretionary behaviour on employee performance' employee performance is the:

Select correct option:



Independent variable

Dependent variable

Extraneous variable

Causal variable

Question 5 (Start time: 09:21:22 PM J Total Marks: 1

Mr. Hans is interested in studying the shared beliefs and practices of the teachers in a small rural school. He is likely to use which research design?

Select correct option:

Action research

Historical research

Ethnography

Grounded theory

Question 6 (Start time: 09:22:02 PM J Total Marks: 1

What type of the interview that is in which questions are already prepared?

Select correct option:

Telephonic interview

Personal interview

Unstructured interview

Structured interview

Question 7 (Start time: 09:22:34 PM J Total Marks: 1

Which of the following is a concept?

Select correct option:

Leadership.

Total Quality Management.

Human Resource Management.

All of the given options



Question 8 (Start time: 09:22:46 PM) Total Marks: 1

Which method of sampling is least likely to produce bias?

Select correct option:

Opportunity Sampling

Random Sampling

Stratified Sampling

Quasi-random sampling

Question 9 (Start time: 09:23:14 PM) Total Marks: 1

Which of the following is NOT a legitimate research problem as stated?

Select correct option:

What is the relationship between the number of books children read and their reading scores?

Should competitive games be banned from elementary schools?

What does it mean to be a special needs child "included" in Ms. Amara's fourth grade class?

What are the major legal principles applied to educational cases decided by the Supreme Court?



Question 10 (Start time: 09:24:00 PM) Total Marks: 1

A _____ scale only assigns numbers to objects to classify the objects according to the characteristic of interest.

Select correct option:

Ratio

Nominal

Interval

Dichotomous

Question 11 (Start time: 09:24:23 PM) Total Marks: 1

Which of the following is an example of a dilemma that might face feminist business researchers conducting qualitative interviews with women?

Select correct option:

What role to adopt when interviewing male managers?

How many Female employees should be interviewed For a representative sample?

How to overcome the issue of False consciousness?

What data to use when publishing Findings?

Question 12 (Start time: 09:25:12 PM) Total Marks: 1

Which type of sampling strategy is exemplified by selecting two types of individuals: those who are extremely happy and those who are extremely sad?

Select correct option:

Snowball

Intensity



Homogeneous
Purposive

Question 13 (Start time: 09:25:39 PM) Total Marks: 1

Which of the following is the least obtrusive and most accurate method for recording data in an interview?

Select correct option:

Note taking
Videotaping
Audiotaping
Writing notes after the interview

Question 14 (Start time: 09:26:46 PM) Total Marks: 1

An advantage of computer-assisted telephone interviewing is:

Select correct option:

Interviewing time is reduced
Data quality is enhanced
Questionnaires do not have coding
There is little opportunity for interviewer bias

Question 15 (Start time: 09:27:34 PM) Total Marks: 1

Which of the following is the best hypothesis statement to address the research question. 'What impact will the new advertising campaign have on use of Brand B?'

Select correct option:

The new advertising campaign will impact Brand B usage.

The new advertising campaign will increase Brand B trial.



The new advertising campaign will cause increased Brand B usage at the expense of Band C.

The new advertising campaign will increase Brand B's market penetration.

After a researcher has stated the specific problem to be studied in an experiment, he must then develop a(n):

Select correct option:

Theory

Conclusion

Hypothesis

Summary of the data

What is the reason for consulting handbooks, yearbooks, encyclopedias, or reviews in the initial stages of identifying a research topic?

Select correct option:

They are readily available.

They provide an overview of the issues related to a topic.

They are primary sources.

They avoid reporting statistical data so one can interpret the results more easily.

If an interview is conducted with a respondent who does not meet the qualifications for a study, what kind of bias has occurred?

Select correct option:

Respondent bias

Position bias

Non-response bias

Instrument bias



Time consumed in mall intercept interview is-----.

Select correct option:

High

Moderate

Low

Nil

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Which of the following is NOT a legitimate research problem as stated?

Select correct option:

What is the relationship between the number of books children read and their reading scores?

Should competitive games be banned from elementary schools?

What does it mean to be a special needs child "included" in Ms. Amara's fourth grade class?

What are the major legal principles applied to educational cases decided by the Supreme Court?

An indicator of reliability based on the correlations of each item in a measure with every other item is called:

Select correct option:

Test-retest reliability

Cronbach's alpha

Split-half reliability

Inter item ratio

Which type of question is most likely to be used when the researcher is just starting to explore what people think about a particular topic?

Select correct option:

Closed-ended

Open-ended

Structured

Semi structured



Which one of the following aspect to be evaluated during "Pilot Testing"?

Select correct option:

Reactions of Respondents

Discovering errors in the instrument

Sampling procedure can be checked

All of the given options

What is the main purpose of pilot testing?

Select correct option:

To accumulate responses

To identify respondent

To identify potential problems

To evaluate the research

Hypothesis refers to _____:

Select correct option:

The outcome of an experiment

A conclusion drawn from an experiment

A form of bias in which the subject tries to outguess the experimenter

A tentative statement about the relationship

Why, as scientists, do we not want to rely on authority for explanations?

Select correct option:

Those in authority are often wrong.

Those in authority cannot be challenged.

Those in authority rely too much on objective information.

Those in authority often have no common sense.

Preliminary Data Collection may be considered as part of -----.

Select correct option:

- Descriptive research
- Explanatory research
- Exploratory research**
- All of the given options

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Which type of question is most likely to be used when the researcher is just starting to explore what people think about a particular topic?

Select correct option:

- Closed-ended
- Open-ended
- Structured**
- Semi structured

Which one of the following tasks is NOT accomplished by theoretical framework?

Select correct option:

- Elaborate the relationship among the variables
- Explain the logic underlying the relationship between the variables.
- Describe the nature, and direction of the relationships among the variables.
- Relates the previous studies.**

What type of process research is?

Select correct option:

- A process to discover the truth**
- A process to invent the machines
- A process to make new medicines
- A process to create theories

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Question # 13 of 15 (Start time: 05:00:35 PM) Total Marks: 1

Which of the following is NOT a legitimate research problem as stated?

Select correct option:

What is the relationship between the number of books children read and their reading scores?

Should competitive games be banned from elementary schools?

What does it mean to be a special needs child "included" in Ms. Amara's fourth grade class?

What are the major legal principles applied to educational cases decided by the Supreme Court?

Which of the following terms represents the most general, broad concept?

Select correct option:

Test

Assessment

Measurement

Instrument

Question # 15 of 15 (Start time: 05:02:22 PM) Total Marks: 1

If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

Select correct option:

Basic

Applied

Evaluation

Grounded theory

Quantitative research has been criticised because:

Select correct option:

The measurement process suggests a spurious and artificial sense of accuracy.

The reliance on instruments and procedures makes it high in ecological validity.

It underestimates the similarities between objects in the natural and social worlds.

It has no validity.

The most critical areas of an article to read is;

Select correct option:

Results section

Introduction

Abstract

Limitations

When we say that science is parsimonious, we mean that:

Select correct option:

Scientific theories are based on laws.

We must be careful because causes can occur after specific effects.

The best scientific theories are those that offer the simplest explanations for a law.

Science accurately describes a wide range of behavior.

What type of the interview that is in which questions are already prepared?

Select correct option:

Telephonic interview

Personal interview

Unstructured interview

Structured interview

Question # 5 of 15 (Start time: 05:09:30 PM) Total Marks: 1

What is the first step in the research process?

Select correct option:

Preliminary data collection

Problem definition

Theoretical framework

Define broad problem area

Question # 6 of 15 (Start time: 05:10:01 PM) Total Marks: 1

The most difficult sources to locate are;

Select correct option:

Dissertations

Policy Reports and Presented Papers

Government Documents

Scholarly Books

Question # 7 of 15 (Start time: 05:10:46 PM) Total Marks: 1

Which of the following is not an unethical issue?

Select correct option:

Invoicing irregularities

Avoiding legal liability

Misrepresenting results

None of the given options

In the statement 'an examination of the effects of discretionary behaviour on employee performance' employee performance is the:

Select correct option:

Independent variable

Dependent variable

Extraneous variable

Causal variable

Question # 9 of 15 (Start time: 05:12:18 PM) Total Marks: 1

Which one of the following tasks is NOT accomplished by theoretical framework?

Select correct option:

Elaborate the relationship among the variables

Explain the logic underlying the relationship between the variables.

Describe the nature, and direction of the relationships among the variables.

Relates the previous studies.

Question # 10 of 15 (Start time: 05:13:13 PM) Total Marks: 1

The _____ is only useful if the concepts, ideas, questions, etc. to be investigated are both testable and falsifiable.

Select correct option:

Independent Variable

Dependent Variable

Experimental Method

Scientific Method

ks: 1

Why, as scientists, do we not want to rely on authority for explanations?

Select correct option:

Those in authority are often wrong.

Those in authority cannot be challenged.

Those in authority rely too much on objective information.

Those in authority often have no common sense.

Question # 13 of 15 (Start time: 05:16:07 PM) Total Marks: 1

Ms. Laiba has decided to use the test at the end of the textbook to measure the achievement levels of the students in her study. Which of the following BEST describes the chapter test?

Select correct option:

Definition

Construct

Variable

Operationalized variable

What is the basis of the Scientific Method?

Select correct option:

To test hypotheses in conditions that are conducive to its success.

To formulate a research problem and disprove the hypothesis.

To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis.

To test hypotheses and if they are disproved, they should be abandoned completely.

Question # 15 of 15 (Start time: 05:18:15 PM) Total Marks: 1

According to Empiricism, which of the following is the ultimate source of all our concepts and knowledge?

Select correct option:

Perceptions

Theory

Sensory experience

Logics and arguments

Question # 1 of 15 (Start time: 05:25:04 PM) Total Marks: 1

Which of the following is an example of an issue that would be checked in a pilot testing?

Select correct option:

Completion of all questions on a questionnaire

Legible writing

Single responses to all multiple choice questions

Logical answers between questions (i.e., attributes should be rated high if purchase interest is high)

What is the basis of the Scientific Method?

Select correct option:

To test hypotheses in conditions that are conducive to its success.

To formulate a research problem and disprove the hypothesis.

To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis.

To test hypotheses and if they are disproved, they should be abandoned completely.

Question # 3 of 15 (Start time: 05:27:10 PM) Total Marks: 1

Bias is defined as;

Select correct option:

The distortion of responses based on gender, ethnicity, race, or language

A lack of validity

A lack of reliability

A poor interpretation of a student's score

Question # 4 of 15 (Start time: 05:27:45 PM) Total Marks: 1

To explain, predict, and/or control phenomena are the goal of-----

Select correct option:

Tradition

Inductive logic

Deductive logic

The scientific method

Question # 5 of 15 (Start time: 05:28:42 PM) Total Marks: 1

What is ordinal data?

Select correct option:

- Ordinary data
- Well behaved data
- Ranked data**
- Numbers

Ms. Tania is thinking about changing her instructional approach to a more mastery-learning orientation. She is interested in knowing more about this topic as well as its effectiveness when working with elementary school students. On which source should she rely for such information?

Select correct option:

- Tradition
- Research**
- Intuition
- Personal experience

Which of the following is the best hypothesis statement to address the research question, "What impact will the new advertising campaign have on use of Brand B?"

Marks: 1

Which of the following is the best hypothesis statement to address the research question, "What impact will the new advertising campaign have on use of Brand B?"

Select correct option:

- The new advertising campaign will impact Brand B usage.**
- The new advertising campaign will increase Brand B trial.
- The new advertising campaign will cause increased Brand B usage at the expense of Brand C.
- The new advertising campaign will increase Brand B's market

Question # 8 of 15 (Start time: 05:32:00 PM) Total Marks: 1

The extent to which we can generalize the results of a study to other participants is called:

Select correct option:

- Sampling validity
- External validity
- Construct validity**
- Internal validity

Question # 9 of 15 (Start time: 05:32:48 PM) Total Marks: 1

Mr. Haris is interested in studying the shared beliefs and practices of the teachers in a small rural school. He is likely to use which research design?

Select correct option:

- Action research
- Historical research
- Ethnography**
- Grounded theory

Ms. Roshi has been coordinating the Annual Festival at her school for the last several years. She wants to be sure the students and parents enjoy the festival again this year. On which source is she LEAST likely to rely when making decisions about what to do?

Select correct option:

- Tradition
- Personal experience**
- Research
- Expert opinion

Question # 11 of 15 (Start time: 05:34:18 PM) Total Marks: 1

Critical decision area in questionnaire construction is_____ .

Select correct option:

- Question content
- Question wording
- Response strategy
- All of the given options**

Question # 12 of 15 (Start time: 05:35:45 PM) Total Marks: 1

If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

Select correct option:

- Basic
- Applied**
- Evaluation
- Grounded theory

Which of the following is a research method that allows a researcher to get information about a large number of subjects relatively inexpensively and easily?

Select correct option:

Naturalistic observation

Case study

Laboratory observation

Survey

Question # 14 of 15 (Start time: 05:37:38 PM) Total Marks: 1

One of the preoccupations of quantitative researchers is with generalization, which is a sign of:

Select correct option:

External validity

Internal reliability

External reliability

Internal validity

-----surveys are more impersonal than face-to-face interviews.

Select correct option:

Mail

Recorded Interview

Focus group

Telephone

The key objective of data analysis is to:

Select correct option:

Calculate statistics

Understand relationships between variables

Obtain the distribution of responses for each question

Create tables which display the survey results

Question # 2 of 15 (Start time: 05:43:21 PM) Total Marks: 1

What is the basis of the Scientific Method?

Select correct option:

To test hypotheses in conditions that are conducive to its success.

To formulate a research problem and disprove the hypothesis.

To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis.

To test hypotheses and if they are disproved, they should be abandoned completely.

Question # 3 of 15 (Start time: 05:43:59 PM) Total Marks: 1

In which way does a ratio scale measurement differ from an interval measurement?

Select correct option:

It measures larger or smaller scores on some underlying dimension.

It implies the existence of an absolute zero value.

It requires the mutual exclusivity of all cases.

It requires that exhaustiveness is applied to all observations.

Question # 4 of 15 (Start time: 05:45:04 PM) Total Marks: 1

Which of the following is false with regard to the benefits of multiple-choice questions over open-ended questions?

Select correct option:

Multiple-choice questions are easier to design

Multiple-choice questions are less costly for coding and data processing

Multiple-choice questions are quicker to administer

The use of multiple-choice questions results in higher cooperation for self-administered surveys

Question # 6 of 15 (Start time: 05:47:14 PM) Total Marks: 1

Which of the following is NOT a longitudinal study?

Select correct option:

Trend study

Census study

Panel study

Cohort study



Question # 5 of 15 (Start time: 05:46:05 PM) Total Marks: 1

Quantitative researcher's preoccupation with generalization is an attempt to:

Select correct option:

Develop the law like findings of the natural sciences.

Boost their chances of publication.

Enhance the internal validity of their research.

Demonstrate the complex techniques of statistical analysis

Question # 6 of 15 (Start time: 05:47:14 PM) Total Marks: 1

Which of the following is NOT a longitudinal study?

Select correct option:

Trend study

Census study

Panel study

Cohort study

Question # 7 of 15 (Start time: 05:48:45 PM) Total Marks: 1

What is a relationship between the literature survey and the theoretical framework?

Select correct option:

Provides a solid foundation for developing the latter

Literature survey helps in the identification of the relevant variables

The theoretical framework explains the theory underlying these relations

All of the given options

ks: 1

The elaboration of the variables in the theoretical framework addresses which type of questions?

Select correct option:

Why we expect certain relationships to exist

How we expect certain relationships to exist

Both of the given questions

None of the given questions

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Question # 9 of 15 (Start time: 05:50:46 PM) Total Marks: 1

Cover letter must include the following information, except:

Select correct option:

How was the respondent selected?

Data collecting tools

Motivation for the respondent

Importance of research topic which is going to be conducted

Question # 10 of 15 (Start time: 05:51:48 PM) Total Marks: 1

The most critical areas of an article to read is;

Select correct option:

Results section

Introduction

Abstract

Limitations

Question # 11 of 15 (Start time: 05:53:00 PM) Total Marks: 1

Research may differ along a series of dimensions. Which of the following may be applied to this statement?

Select correct option:

The type of data collected.

The data-collection technique.

The level of manipulation used to elicit data collection.

All of the given options

Question # 12 of 15 (Start time: 05:53:52 PM) Total Marks: 1

All of these are characteristics of scientific methods of research except, it is;

Select correct option:

Cumulative

Deterministic

Unethical

Rationalism

Question # 13 of 15 (Start time: 05:54:22 PM) Total Marks: 1

One of the preoccupations of quantitative researchers is with generalization, which is a sign of:

Select correct option:

External validity

Internal reliability

External reliability

Internal validity

Question # 14 of 15 (Start time: 05:55:06 PM) Total Marks: 1

How is nominal data presented?

Select correct option:

In order

In discrete categories

Units of equal distance

Data where there is a true zero

Question # 15 of 15 (Start time: 05:55:50 PM) Total Marks: 1

Detailed and unambiguous instructions are particularly important for:

Select correct option:

Computer-assisted telephone surveys

Mail surveys

Computer-assisted personal interviews

Internet surveys

Question # 1 of 15 (Start time: 06:02:53 PM) Total Marks: 1

A one tailed hypothesis predicts-----

Select correct option:

The future

The lottery result

The frequency of the effect

The direction of the effect



Question # 2 of 15 (Start time: 06:03:51 PM) Total Marks: 1

Which type of questions should be first in a questionnaire or interview?

Select correct option:

Questions about demographics such as age and gender

Questions about attitudes and behaviors

Most easy question

Difficult questions

Question # 3 of 15 (Start time: 06:04:58 PM) Total Marks: 1

Bias is defined as;

Select correct option:

The distortion of responses based on gender, ethnicity, race, or language

A lack of validity

A lack of reliability

A poor interpretation of a student's score

Question # 6 of 15 (Start time: 07:06:45 PM) Total Marks: 1

To explain, predict, and/or control phenomena are the goal of-----

Select correct option:

Tradition

Inductive logic

Deductive logic

The scientific method

Question # 7 of 15 (Start time: 07:08:14 PM) Total Marks: 1

Preliminary Data Collection may be considered as part of -----.

Select correct option:

Descriptive research

Explanatory research

Exploratory research

All of the given options

Question # 8 of 15 (Start time: 07:08:52 PM) Total Marks: 1

A _____ scale only assigns numbers to objects to classify the objects according to the characteristic of interest.

Select correct option:

Ratio

Nominal

Interval

Dichotomous

Question # 9 of 15 (Start time: 07:09:47 PM) Total Marks: 1

What is the basis of the Scientific Method?

Select correct option:

To test hypotheses in conditions that are conducive to its success.

To formulate a research problem and disprove the hypothesis.

To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis.

To test hypotheses and if they are disproved, they should be abandoned completely.

Question # 10 of 15 (Start time: 07:11:09 PM) Total Marks: 1

Cover letter must include the following information, except:

Select correct option:

How was the respondent selected?

Data collecting tools

Motivation for the respondent

Importance of research topic which is going to be conducted

Which of the following is NOT a characteristic of a good research topic?

Select correct option:

It is ethical.

It can be investigated through the collection and analysis of data.

It focuses on a philosophical or ethical issue.

It is theoretically or practically significant.

Question # 13 of 15 (Start time: 07:14:30 PM) Total Marks: 1

A variable is:

Select correct option:

Any characteristic of interest that can take on more than one value

Defined as the groups manipulated in experimental research

The complete set of scores we use in statistical analysis

Completely specified only in observational research

A measure has high internal consistency reliability when:

Select correct option:

Multiple observers make the same ratings using the measure.

Participants score at the high end of the scale every time they complete the measure.

Multiple observers obtain the same score every time they use the measure.

Each of the items correlates with other items on the

Question # 15 of 15 (Start time: 07:17:26 PM) Total Marks: 1

Which type of question is most likely to be used when the researcher is just starting to explore what people think about a particular topic?

Select correct option:

Closed-ended

Open-ended sure

Structured

Semi structured

Question # 1 of 15 (Start time: 07:18:59 PM) Total Marks: 1

The validity of a measure refers to the:

Select correct option:

Particular type of construct specification

Comprehensiveness with which it measures the construct

Accuracy with which it measures the construct

Consistency of the measurement

Time consumed in mall intercept interview is-----.

Select correct option:

High

Moderate

Low

Nil

Question # 2 of 15 (Start time: 07:19:57 PM) Total Marks: 1

Which of the following is not a function of clearly identified research questions?

Select correct option:

They guide your literature search.

They keep you focused throughout the data collection period.

They make the scope of your research as wide as possible.

They are linked together to help you construct a coherent argument.

When accessing the internet, which of these steps is the most essential?

Select correct option:

Recording the full URL

Noting the access dates

Downloading material to be referenced

They are all equally important

Question # 4 of 15 (Start time: 07:22:00 PM) Total Marks: 1

All the persons involved in the collection of data and supervision of data collection process are called;

Select correct option:

Fieldworkers

Researchers

Research assistants

None of the given options

Question # 5 of 15 (Start time: 07:23:06 PM) Total Marks: 1

Which of the following is a research method that allows a researcher to get information about a large number of subjects relatively inexpensively and easily?

Select correct option:

Naturalistic observation

Case study

Laboratory observation

Survey

Which of the the following is not included in Objects?

Select correct option:

Tables

People

Books

Weight

Question # 5 of 15 (Start time: 07:23:06 PM) Total Marks: 1

Which of the following is a research method that allows a researcher to get information about a large number of subjects relatively inexpensively and easily?

Select correct option:

Naturalistic observation

Case study

Laboratory observation

Survey

Question # 6 of 15 (Start time: 07:24:10 PM) Total Marks: 1

Which type of question is most likely to be used when the researcher is just starting to explore what people think about a particular topic?

Select correct option:

Closed-ended

Open-ended

Structured

Semi structured

Which of the following is the best hypothesis statement to address the research question, "What impact will the new advertising campaign have on use of Brand B?"

Select correct option:

The new advertising campaign will impact Brand B usage.

The new advertising campaign will increase Brand B trial.

The new advertising campaign will cause increased Brand B usage at the expense of Brand C.

The new advertising campaign will increase Brand B's market penetration

Question # 6 of 15 (Start time: 07:28:46 PM) Total Marks: 1

After you locate a source, you should write down all details of the reference, except;

Select correct option:

Full names of the authors

Titles

Volumes

Price

Question # 7 of 15 (Start time: 07:29:18 PM) Total Marks: 1

Which of the following is the least obtrusive and most accurate method for recording data in an interview?

Select correct option:

Note taking

Videotaping

Audiotaping

Writing notes after the interview

Question # 8 of 15 (Start time: 07:30:25 PM) Total Marks: 1

Which of the following is not an unethical issue?

Select correct option:

Invoicing irregularities

Avoiding legal liability

Misrepresenting results

None of the given options

Question # 9 of 15 (Start time: 07:30:57 PM) Total Marks: 1

Detailed and unambiguous instructions are particularly important for:

Select correct option:

Computer-assisted telephone surveys

Mail surveys

Computer-assisted personal interviews

Internet surveys

10 of 15 (Start time: 07:32:06 PM) Total Marks: 1

If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

Select correct option:

Basic

Applied

Evaluation

Grounded theory

Question # 11 of 15 (Start time: 07:32:46 PM) Total Marks: 1

The independent variable is;

Select correct option:

The variable manipulated in order to observe its effects

The variable that is measured

The free spirited variable

A confounding variable

Question # 12 of 15 (Start time: 07:33:39 PM) Total Marks: 1

Which of the following statements is false?

Select correct option:

Discrete variables allow measurement of an infinite number of fractions of units of measurement.

Discrete variables can only have whole number values.

Continuous numbers can only have whole number values.

Continuous measures do not allow for scores that fall between two number values.

Question # 13 of 15 (Start time: 07:35:01 PM) Total Marks: 1

Research may differ along a series of dimensions. Which of the following may be applied to this statement?

Select correct option:

The type of data collected.

The data-collection technique.

The level of manipulation used to elicit data collection.

All of the given options

Question # 14 of 15 (Start time: 07:35:33 PM) Total Marks: 1

To explain, predict, and/or control phenomena are the goal of-----

Select correct option:

Tradition

Inductive logic

Deductive logic

The scientific method

Question # 15 of 15 (Start time: 07:36:19 PM) Total Marks: 1

Which of the following is NOT a characteristic of a good research topic?

Select correct option:

It is ethical.

It can be investigated through the collection and analysis of data.

It focuses on a philosophical or ethical issue.

It is theoretically or practically significant.

Question # 1 of 15 (Start time: 07:38:57 PM) Total Marks: 1

If a measure is consistent over multiple occasions, it has:

Select correct option:

Inter-rater reliability

Construct validity

Internal validity

Test-retest reliability

Question # 2 of 15 (Start time: 07:40:20 PM) Total Marks: 1

What research is?

Select correct option:

A lab experiment

A report

A systematic Enquiry

A procedure

Question # 3 of 15 (Start time: 07:40:57 PM) Total Marks: 1

An operational definition is:

Select correct option:

One that bears no relation to the underlying concept.

An abstract, theoretical definition of a concept.

A definition of a concept in terms of specific, empirical measures.

One that refers to opera singers and their work.

Question # 4 of 15 (Start time: 07:41:59 PM) Total Marks: 1

Which type of question is most likely to be used when the researcher is just starting to explore what people think about a particular topic?

Select correct option:

Closed-ended

Open-ended

Structured

Semi structured

Question # 5 of 15 (Start time: 07:42:30 PM) Total Marks: 1

Which type of questions should be first in a questionnaire or interview?

Select correct option:

Questions about demographics such as age and gender

Questions about attitudes and behaviors

Most easy question

Difficult questions

Question # 6 of 15 (Start time: 07:43:20 PM) Total Marks: 1

Which of the following terms represents the most general, broad concept?

Select correct option:

Test

Assessment

Measurement

Instrument

Question # 7 of 15 (Start time: 07:44:10 PM) Total Marks: 1

Which of the following is not an example of deception?

Select correct option:

A part of the truth is not communicated to the respondent

To observe code of ethics

To leak out information regarding any confidential matter

To create bias between respondents before the survey

Critical decision area in questionnaire construction is_____ .

Select correct option:

Question content

Question wording

Response strategy

All of the given options

Question # 9 of 15 (Start time: 07:45:53 PM) Total Marks: 1

Cover letter must include the following information, except:

Select correct option:

How was the respondent selected?

Data collecting tools

Motivation for the respondent

Importance of research topic which is going to be conducted

Question # 10 of 15 (Start time: 07:46:51 PM) Total Marks: 1

Which of the following steps of the scientific method is exemplified by the researcher reviewing the literature and focusing on a specific problem that has yet to be resolved?

Select correct option:

Identify a topic.

Describe the procedures to collect information.

Analyze the collected information.

State the results of the data analysis.

Question # 11 of 15 (Start time: 07:47:56 PM) Total Marks: 1

Which of the following is false with regard to the benefits of multiple-choice questions over open-ended questions?

Select correct option:

Multiple-choice questions are easier to design

Multiple-choice questions are less costly for coding and data processing

Multiple-choice questions are quicker to administer

The use of multiple-choice questions results in higher cooperation for self-administered surveys

Question # 12 of 15 (Start time: 07:49:23 PM) Total Marks: 1

When you are confident that the experimental manipulation produced the changes you measured in the dependent variable, your study probably has good _____ validity.

Select correct option:

Construct

Internal

External

Causal

Question # 13 of 15 (Start time: 07:50:45 PM) Total Marks: 1

Which one of the following tasks is NOT accomplished by theoretical framework?

Select correct option:

Elaborate the relationship among the variables

Explain the logic underlying the relationship between the variables.

Describe the nature, and direction of the relationships among the variables.

Relates the previous studies.

Question # 14 of 15 (Start time: 07:52:17 PM) Total Marks: 1

Rationalism is the application of:

Select correct option:

Research solution

Logic and arguments

Reasoning

Previous findings

A review that only demonstrates familiarity with an area is rarely published but it often is part of an educational program is which type of review?

Select correct option:

Integrative reviews

Theoretical reviews

Self-study reviews

Historical reviews

Question # 1 of 15 (Start time: 07:57:10 PM) Total Marks: 1

Which of the following is an excellent way to enhance the validity of interview data collection?

Select correct option:

Spend an extended period of time in the field.

Obtain participant trust.

Recognize your own biases

Spend time in field, obtain participant trust, recognize biases.



Question # 2 of 15 (Start time: 07:58:05 PM) Total Marks: 1

All of the following are true about theories, except;

Select correct option:

They organize and summarize existing knowledge about a topic.

They are tentative until the facts prove them true.

They provide possible explanations for the phenomenon under study.

They lead to testable hypotheses through the process of deduction.

Question # 3 of 15 (Start time: 07:58:38 PM) Total Marks: 1

Which of the following terms represents the most general, broad concept?

Select correct option:

Test

Assessment

Measurement

Instrument

Question # 4 of 15 (Start time: 07:58:55 PM) Total Marks: 1

Which of the following steps of the scientific method is exemplified by the researcher reviewing the literature and focusing on a specific problem that has yet to be resolved?

Select correct option:

Identify a topic.

Describe the procedures to collect information.

Analyze the collected information.

State the results of the data analysis.

Question # 5 of 15 (Start time: 07:59:11 PM) Total Marks: 1

Which of the following is a research method that allows a researcher to get information about a large number of subjects relatively inexpensively and easily?

Select correct option:

Naturalistic observation

Case study

Laboratory observation

Survey

Question # 6 of 15 (Start time: 07:59:39 PM) Total Marks: 1

What is an hypothesis?

Select correct option:

A prediction of a relationship between certain variables.

An experiment that tests certain predictions.

An independent variable.

A dependent variable.

Question # 7 of 15 (Start time: 08:00:31 PM) Total Marks: 1

Why, as scientists, do we not want to rely on authority for explanations?

Select correct option:

Those in authority are often wrong.

Those in authority cannot be challenged.

Those in authority rely too much on objective information.

Those in authority often have no common sense.

Question # 8 of 15 (Start time: 08:00:57 PM) Total Marks: 1

A measure has high internal consistency reliability when:

Select correct option:

Multiple observers make the same ratings using the measure.

Participants score at the high end of the scale every time they complete the measure.

Multiple observers obtain the same score every time they use the measure.

Each of the items correlates with other items on the measure.

Question # 9 of 15 (Start time: 08:01:36 PM) Total Marks: 1

Which of the following is least likely to occur as an ethical problem with e-research?

Select correct option:

People are not likely to be able to stop once they have begun participating.

Informed consent cannot be completely monitored.

Debriefing could be avoided.

Privacy could be invaded.

Question # 10 of 15 (Start time: 08:02:04 PM) Total Marks: 1

One of the preoccupations of quantitative researchers is with generalization, which is a sign of:

Select correct option:

External validity

Internal reliability

External reliability

Internal validity

Question # 11 of 15 (Start time: 08:02:32 PM) Total Marks: 1

A one tailed hypothesis predicts-----

Select correct option:

The future

The lottery result

The frequency of the effect

The direction of the effect

Question # 12 of 15 (Start time: 08:02:45 PM) Total Marks: 1

Hypothesis refers to _____:

Select correct option:

The outcome of an experiment

A conclusion drawn from an experiment

A form of bias in which the subject tries to outguess the experimenter

A tentative statement about the relationship

Theoretical framework is trying to develop a _____ model of our study.

Select correct option:

Functional

Conceptual

Operational

Practical

Question # 14 of 15 (Start time: 08:04:54 PM) Total Marks: 1

Which of the the following is not included in Objects?

Select correct option:

Tables

People

Books

Weight

Question # 15 of 15 (Start time: 08:05:21 PM) Total Marks: 1

Which of the following is a discrete variable?

Select correct option:

Age

Nationality

Test score

Income

Question # 1 of 15 (Start time: 08:07:52 PM) Total Marks: 1

Which of the following is an excellent way to enhance the validity of interview data collection?

Select correct option:

Spend an extended period of time in the field.

Obtain participant trust.

Recognize your own biases

Spend time in field, obtain participant trust, recognize biases.

Question # 2 of 15 (Start time: 08:08:27 PM) Total Marks: 1

Ms. Roshi has been coordinating the Annual Festival at her school for the last several years. She wants to be sure the students and parents enjoy the festival again this year. On which source is



she LEAST likely to rely when making decisions about what to do?

Select correct option:

Tradition

Personal experience

Research

Expert opinion

Question # 3 of 15 (Start time: 08:09:05 PM) Total Marks: 1

The _____ is only useful if the concepts, ideas, questions, etc. to be investigated are both testable and falsifiable.

Select correct option:

Independent Variable

Dependent Variable

Experimental Method

Scientific Method

Which of the following is a research method that allows a researcher to get information about a large number of subjects relatively inexpensively and easily?

Select correct option:

Naturalistic observation

Case study

Laboratory observation

Survey

Question # 5 of 15 (Start time: 08:09:58 PM) Total Marks: 1

What is the main purpose of pilot testing?

Select correct option:

To accumulate responses

To identify respondent

To identify potential problems

To evaluate the research

Question # 6 of 15 (Start time: 08:10:23 PM) Total Marks: 1

What is one way that distortions can be produced in self report data?

Select correct option:

- Lying
- Social desirability bias
- Faulty memory
- All of the given options

Question # 7 of 15 (Start time: 08:10:47 PM) Total Marks: 1

Which of the following statements is false?

Select correct option:

Discrete variables allow measurement of an infinite number of fractions of units of measurement.

Discrete variables can only have whole number values.

Continuous numbers can only have whole number values.

Continuous measures do not allow for scores that fall between two number values.

Question # 8 of 15 (Start time: 08:11:33 PM) Total Marks: 1

If a researcher was studying the use of various instructional approaches to the "multiple intelligences" of his students, he is likely to be conducting which type of research?

Select correct option:

- Basic
- Applied
- Evaluation
- Grounded theory

Question # 9 of 15 (Start time: 08:11:49 PM) Total Marks: 1

Critical decision area in questionnaire construction is_____ .

Select correct option:

- Question content
- Question wording
- Response strategy
- All of the given options

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Question # 10 of 15 (Start time: 08:12:26 PM) Total Marks: 1

Quantitative research has been criticised because:

Select correct option:

- The measurement process suggests a spurious and artificial sense of accuracy.
- The reliance on instruments and procedures makes it high in ecological validity.
- It underestimates the similarities between objects in the natural and social worlds.
- It has no validity.

Question # 11 of 15 (Start time: 08:13:38 PM) Total Marks: 1

A good qualitative problem statement:

Select correct option:

- Defines the independent and dependent variables
- Conveys a sense of emerging design
- Specifies a research hypothesis to be tested
- Specifies the relationship between variables that the researcher expects to find.

Question # 12 of 15 (Start time: 08:14:43 PM) Total Marks: 1

Which of the following is the least appropriate research problem?

Select correct option:

- Does studying Latin improve the standardized vocabulary test scores of seventh grade students?
- Does drilling fifth grade students with multiplication facts improve their standardized test scores?
- What is the relationship between students' math attitudes and math achievement?
- Should students have access to controversial novels in school?

Question # 13 of 15 (Start time: 08:15:57 PM) Total Marks: 1

Which one of the following is not an assumption of science?

Select correct option:

- There are reoccurring patterns in the world.
- Events happen because of preceding causes.
- We can discover solutions to problems of interest.
- Theoretical explanations must agree with common sense.

Question # 14 of 15 (Start time: 08:16:48 PM) Total Marks: 1

In which way does a ratio scale measurement differ from an interval measurement?

Select correct option:

It measures larger or smaller scores on some underlying dimension.

It implies the existence of an absolute zero value.

It requires the mutual exclusivity of all cases.

It requires that exhaustiveness is applied to all observations.

Question # 15 of 15 (Start time: 08:17:16 PM) Total Marks: 1

The key objective of data analysis is to:

Select correct option:

Calculate statistics

Understand relationships between variables

Obtain the distribution of responses for each question

Create tables which display the survey results

Measurement reliability refers to the:

Select correct option:

Accuracy of the scores

Consistency of the scores

Dependency of the scores

Comprehensiveness of the scores

Question # 3 of 15 (Start time: 08:22:59 PM) Total Marks: 1

All of the following are true about theories, except;

Select correct option:

They organize and summarize existing knowledge about a topic.

They are tentative until the facts prove them true.

They provide possible explanations for the phenomenon under study.

They lead to testable hypotheses through the process of deduction.



An operational definition is:

Select correct option:

One that bears no relation to the underlying concept.

An abstract, theoretical definition of a concept.

A definition of a concept in terms of specific, empirical measures.

One that refers to opera singers and their work.

Question # 6 of 15 (Start time: 08:25:33 PM) Total Marks: 1

Which of the following is an example of a dilemma that might face feminist business researchers conducting qualitative interviews with women?

Select correct option:

What role to adopt when interviewing male managers?

How many female employees should be interviewed for a representative sample?

How to overcome the issue of false consciousness?

What data to use when publishing findings?

Question # 7 of 15 (Start time: 08:27:05 PM) Total Marks: 1

How can we determine if a test has good validity?

Select correct option:

It produces the same result when it is given at different times to the same group of people

It produces the same result no matter which version of the test is used

It measures what it is supposed to measure

All of the questions on it can be answered accurately by the subject

Question # 8 of 15 (Start time: 08:27:54 PM) Total Marks: 1

Which of the following is most beneficial to read in an article?

Select correct option:

Methods

Introduction

Figures

References

Question # 9 of 15 (Start time: 08:28:57 PM) Total Marks: 1

Quantitative research has been criticised because:

Select correct option:

The measurement process suggests a spurious and artificial sense of accuracy.

The reliance on instruments and procedures makes it high in ecological validity.

It underestimates the similarities between objects in the natural and social worlds.

It has no validity.

Question # 10 of 15 (Start time: 08:30:27 PM) Total Marks: 1

-----surveys are more impersonal than face-to-face interviews.

Select correct option:

Mail

Recorded Interview

Focus group

Telephone

Question # 11 of 15 (Start time: 08:30:49 PM) Total Marks: 1

Which of the following statements is false?

Select correct option:

Discrete variables allow measurement of an infinite number of fractions of units of measurement.

Discrete variables can only have whole number values.

Continuous numbers can only have whole number values.

Continuous measures do not allow for scores that fall between two number values.

When you are confident that the experimental manipulation produced the changes you measured in the dependent variable, your study probably has good _____ validity.

Select correct option:

Construct

Internal

External

Causal

Question # 13 of 15 (Start time: 08:32:55 PM) Total Marks: 1

Which type of question is most likely to be used when the researcher is just starting to explore what people think about a particular topic?

Select correct option:

Closed-ended

Open-ended

Structured

Semi structured

What is the basis of the Scientific Method?

Select correct option:

To test hypotheses in conditions that are conducive to its success.

To formulate a research problem and disprove the hypothesis.

To formulate a research problem, test the hypothesis in carefully controlled conditions that challenge the hypothesis.

To test hypotheses and if they are disproved, they should be abandoned completely.

Question # 15 of 15 (Start time: 08:34:44 PM) Total Marks: 1

What is the variable called that a researcher manipulates in an experiment?

Select correct option:

Dependent variable

Independent variable

Extraneous variable

None of the given options

Q1. All the persons involved in the collection of data and supervision of data collection process are called

i. Fieldworkers

ii. Researchers

iii. Research assistants

iv. None of the given options

Q2. While terminating the interview, the fieldworker should **not** do one of the following:

- i. He should record all the responses made by the interviewee before leaving.
- ii. He should thank the interviewee.
- iii. He should close the interview hastily.
- iv. He should answer all the questions the respondent asks concerning the nature and purpose of the study.

Q3. Which one of these is a type of Interviewee bias?

- i. The respondent does not tell his true income, age, or contact information.
- ii. The fieldworker fails to probe the interviewee properly.
- iii. The fieldworker contacted the wrong person for interview.
- iv. The fieldworker asks the questions in wrong order.

Q4. A magazine conducts a survey and asks its readers to cut the questionnaire from the magazine, fill it and send it via mail. It is a type of

- i. Purposive sampling
- ii. Snowball sampling
- iii. Sequential sampling
- iv. Convenience sampling

Q5. The height distribution of a few students in a school is an example of

- i. Statistic
- ii. Population
- iii. Parameter
- iv. Element

Q6. A researcher wants to conduct a survey of the drug users. Which type of sampling technique will be most appropriate here?

- i. Sequential sampling
- ii. Snowball sampling
- iii. Quota sampling
- iv. Convenience sampling

Q7. When there is a need to apply different data collection methods to different parts of the population, the best sampling method would be

- i. Double sampling
- ii. Cluster sampling
- iii. Stratified random sampling
- iv. Systematic random sampling

Q8. The sampling technique in which every element of the population has an equal, nonzero probability of being selected in a sample, is called

- i. Probability sampling
- ii. Convenience sampling
- iii. Purposive sampling
- iv. Quota sampling

Q9. Target population is also called

- i. Population
- ii. Survey population
- iii. Population element
- iv. Population frame

Q10. Which one of them is the method for probing the respondent?

- i. Repeat the question
- ii. Give an expectant pause
- iii. Repeat the respondent's reply
- iv. All of the given options

Up to 37 Lessons

1. Which is not a source of existing statistics?

- A. Government
- B. International agencies
- C. Personal interviews
- D. Private sources

2. Followings are the advantages of secondary data except

- A. Non-Reactivity
- B. Selective survival
- C. Low cost
- D. Spontaneity

3. Following are the disadvantages of secondary data except

- A. Longitudinal analysis
- B. Sampling bias
- C. Coding difficult
- D. Incompleteness

4. The coding of the secondary data may be difficult because of

- A. Differences in content or subject matter
- B. Lack of standardization
- C. Differences in length and format
- D. All of these

5. The researcher must be concerned about the following problems while using secondary data in research.

- A. Validity
- B. Reliability
- C. Both of these
- D. None of these

Fill in the blanks

1. **Validity** problems occur when the researcher's theoretical definition does not match that of the government agency or organization that collected the information.
2. **Reliability** problems occur when official definition or the method of collecting Information changes over time.
3. **Secondary data** refer to information gathered by someone other than the researcher conducting the present study.
4. Experiments are best for topics where the researcher controls a situation and **manipulates** an Independent variable.
5. A **social indicator** is any measure of wellbeing used in policy.

1. In _____, the researcher attempts to control and/ or manipulate the variables in the study.

1. Experiment

2. Hypothesis
3. Theoretical framework
4. Research design

2. In an experimental research study, the primary goal is to isolate and identify the effect produced by the ____.

1. Dependent variable
2. Extraneous variable

3. Independent variable

4. Confounding variable

3. A measure is reliable if it provides consistent _____.

1. Hypothesis

2. Results

3. Procedure

4. Sensitivity

4. The interview in which questions are already prepared is called _____.

1. Telephonic interview

2. Personal interview

3. Unstructured interview

4. Structured interview

5. The numerical description that describe sample may be expected to differ from those that describe population because of random fluctuations inherent in sampling process.

1. Sampling design

2. Non-probability sampling

3. Sampling error

4. Probability sampling

6. In _____ , each population element has a known and equal chance of selection.

1. Purposive sampling

2. Quota sampling

3. Stratified sampling

4. Simple random sampling

7. _____ is the evidence that the instrument, techniques, or process used to measure concept does indeed measure the intended concepts.

1. Reliability
2. Replicability
3. Scaling

4. Validity

8. A researcher is interested in studying why the “new math” of the 1960s failed. She interviews several teachers who used the new math during the 1960s. These teachers are considered as:

1. Primary sources

2. Secondary Sources
3. External critics
4. Internal critics

9. Which of the following is NOT true about stratified random sampling?

1. It involves a random selection process from identified subgroups

2. Proportions of groups in the sample must always match their population proportions

3. Disproportional stratified random sampling is especially helpful for getting large enough subgroup samples when subgroup comparisons are to be done
4. Proportional stratified random sampling yields a representative sample

10. Experimental design is the only appropriate design where _____ relationship can be established.

1. Strong
2. Linear
3. Weak

4. Cause and Effect

1. Which one of the following sets is the measure of central tendency?

- a. Mean, standard deviation, mode
- b. Mean, median, standard deviation
- c. Arithmetic mean, median, mode
- d. Standard deviation, internal validity, mode

2. In lab experiment the effect of _____ Variables is controlled to evaluate the causal relationship.

- a. Extraneous
- b. Moderate
- c. Intervening
- d. All of the above

3. Internal validity refers to_____.

- a. Researcher's degree of confidence.
- b. Generalizability
- c. Operationalization
- d. All of the above

4. Which of the following is the weakest experimental design?

- a. One group pretest-posttest design
- b. Quasi- experimental design
- c. Two group posttest only design
- d. Ex post facto design

5. How many times the students appear in the research class is the example of _____.

- a. Intensity
- b. Space
- c. Frequency
- d. Direction

6. Disadvantage of content analysis is _____.

- a. Researcher can increase the sample size
- b. Provides access on the subjects to which researcher does have physical access.
- c. Sometime documents provide incomplete account to the researcher
- d. Spontaneous feelings can be recorded when they occurred

7. Which of the following statement is incorrect with respect to “An experimental design is a set of procedures specifying:”

- a. How the test units (subjects) are to be divided into homogenous sub samples.
- b. What independent variables or treatments are to be measured?
- c. What dependent variables are to be measured?
- d. How the extraneous variables are to be controlled?

8. Time consumed in mall intercept interview is _____.

- a. High
- b. Moderate
- c. Low
- d. Nil

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9. "Teacher should create a friendly environment in the classroom" this is the type of _____.

- a. Leading question
- b. Loaded question
- c. Double Barreled
- d. Burdensome question

10. Departmental stores selected to test a new merchandising display system is the example of _____.

- a. Quota sampling
- b. Convenience sampling
- c. Judgmental sampling
- d. Purposive sampling

1. _____ research is based on naturalism.

- A. Field research
- B. Descriptive research
- C. Basic research
- D. Applied research

2. Personal interviews conducted in shopping malls are known as _____

- A. Mall interviews
- B. Mall intercept interviews
- C. Brief interviews
- D. None of the given options

3. _____ is used to obtain the freest opinion of the respondent, by asking general question before a specific question.

- A. Research technique
- B. Qualitative technique
- C. Funnel technique
- D. Quantitative technique

4. In, _____ the interviewer and members jointly control the pace and direction of the interview.

- A. Field interview
- B. Telephonic interview
- C. Both A and B
- D. None of the given options

5. Randomization of test units is a part of _____

- A. Pretest
- B. Posttest
- C. Matching
- D. Experiment

6. Which one of the following sets is the measure of central tendency?

- a. Mean, standard deviation, mode
- b. Mean, median, standard deviation
- c. Arithmetic mean, median, mode
- d. Standard deviation, internal validity, mode

7. Internal validity refers to .

- a. Researcher's degree of confidence.
- b. Generalizability
- c. Operationalization
- d. All of the above

8. How many times the students appear in the research class is the example of

_____.

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- b. Space
- c. Frequency
- d. Direction

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- d. Purposive sampling

