



MC190201250- SUNDAS IQBAL

Time Left 90 sec(s)

STA630-Quiz - 3

Quiz Start Time: 07:16 PM, 09 February 2021

Question # 7 of 10 (Start time: 07:20:04 PM, 09 February 2021)

Total Marks: 1

Which of the following issues should NOT be mentioned in an introductory statement of questionnaire?

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Select the correct option

- The information will be kept confidential
- What the findings of the research are?
- Who is funding the research?
- Why the respondent has been chosen?

(Click on the answer to see the correct answer)





MC190201250: SUNDAS IQBAL

Time Left 90 sec(s)

STA630-Quiz - 3

Quiz Start Time: 07:16 PM, 09 February 2021

Question # 9 of 10 (Start time: 07:21:54 PM, 09 February 2021)

Total Marks: 1

A study that involves no researcher intervention is called _____.

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Select the correct option

- An experimental study
- An observational study
- A quasi-experimental study
- A non involvement study

(Click on the answer to see the correct answer)





In bivariate relationship, if an alternative explanation explains a relationship, then relationship is;

Type text here

Select the correct option

- Spurious
- Factual
- Controlled
- None of the given options

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MC190201250- SUNDAS IQBAL

Time Left 88 sec(s)

STA630-Quiz - 3

Quiz Start Time: 07:16 PM, 09 February 2021

Question # 3 of 10 (Start time: 07:17:40 PM, 09 February 2021)

Total Marks: 1

Ways to manipulate and summarize numbers that represent data from research project is termed as;

Select the correct option

- Statistics
- Interpretation
- Description
- None of the given options

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Time Left 90 sec(s)

STA630-Quiz - 3

Quiz Start Time: 07:16 PM, 09 February 2021

Question # 2 of 10 (Start time: 07:17:08 PM, 09 February 2021)

Total Marks: 1

Which of the following is a measure in which the researcher captures the intensity, direction, level, or potency of a variable construct?

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Select the correct option

- | | |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | Scale |
| <input type="radio"/> | Index |
| <input type="radio"/> | Unidimensionality |
| <input type="radio"/> | Weighting |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



Which of the following is/are the element/s of Observation in Non Reactive research?

- Select the correct option
- External Appearance
 - Count Behaviors
 - Time Duration
 - All of the given options



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



MC190201250- SUNDAS IQBAL

Time Left 90 sec(s)

STA630-Quiz - 3

Quiz Start Time: 07:16 PM, 09 February 2021

Question # 4 of 10 (Start time: 07:18:27 PM, 09 February 2021)

Total Marks: 1

In non-experimental research, a researcher controls for alternative explanations with;

Select the correct option

- Statistics
- Instruments
- Laboratories
- None of the given options

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Time Left 90 sec(s)

STA630-Quiz - 3

Quiz Start Time: 07:16 PM, 09 February 2021

Question # 5 of 10 (Start time: 07:19:02 PM, 09 February 2021)

Total Marks: 1

A linear relationship looks like larger percentages in the:

Select the correct option

- Horizontal cell
- Diagonal cell
- Vertical cell
- None of the above

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Time Left 90 sec(s)

STA630-Quiz - 3

Quiz Start Time: 07:16 PM, 09 February 2021

Question # 8 of 10 (Start time: 07:21:22 PM, 09 February 2021)

Total Marks: 1

Which of the following is an example of a Likert scale?

Select the correct option

- Agree/disagree
- Male/female
- 0 to 100
- Strongly agree/agree/neutral/disagree/strongly disagree

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MCT190405162: UMER KHURSHEED

Time Left 81
sec(s)

STA630:Quiz - 3


Quiz Start Time: 05:20 PM, 09 February 2021

Question # 2 of 10 (Start time: 05:21:42 PM, 09 February 2021)

Total Marks: 1

The purpose of experimental research is to allow the researcher to control the research situation to evaluate which type of relationship?

Select the correct option

- Causal relationship 
- Correlationship
- Linear relationship
- Multivariate relationship

[Click to Save Answer & Move to Next Question](#)

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)





In order to read a table, students should first look at;

Select the correct option

- Variable labels
- Direction
- Percentages
- Summation

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MCT190405162: UMER KHURSHEED

Time Left 82 sec(a)

STA630: Quiz - 3

Quiz Start Time: 05:20 PM, 09 February 2021

Question # 3 of 10 (Start time: 05:23:05 PM, 09 February 2021)

Total Marks: 1

Which of the tables is based on cross-tabulation and the cases are organized in the table on the basis of two variables at the same time?

Select the correct option

- Bivariate Tables
- Frequency Distribution Table
- SPSS Table
- MINITAB Table

[Click to Save Answer & Move to Next Question](#)

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)





MCT190405162: UMER KHURSHEED

Time Left 85
sec(s)

STA630: Quiz - 3

Quiz Start Time: 05:20 PM, 09 February 2021

Question # 5 of 10 (Start time: 05:25:24 PM, 09 February 2021)

Total Marks: 1

Which of the following terms best describes data that were originally collected at an earlier time by a different person for a different purpose?

Select the correct option

- Primary data
- Secondary data
- Experimental data
- Field notes

[Click to Save Answer & Move to Next Question](#)

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



THE PARTS OF THE TABLE

1. Give each table a number.
 2. Give each table a title, which names variables and provides background information
 3. Label the row and column variables and give name to each of the variable categories.
 4. Include the **totals of the columns and rows**. These are called **marginal**. They equal the univariate frequency distribution for the variable.
 5. Each number or place that corresponds to the intersection of a category for each variable is a *cell of a table*.
- The numbers with the labeled variable categories and the totals are called the **body of a table**.
7. If there is missing information, report the number of missing cases near the table to account for all original cases.

Researchers convert raw count tables into percentages to see bivariate relationship. There are three ways to percentage a table: by row, by column, and for the total. The first two are often used to show relationship.

It is best to percentage by row or column? **Either could be appropriate**. A researcher's hypothesis may imply looking at row percentages or the column percentages. Here, the hypothesis is that a

Question # 9 of 10 (Start time: 07:11:13 PM, 09 February 2021)

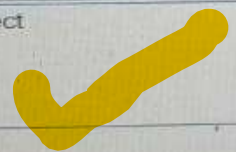
Total Marks: 1

Threat to internal validity of an experiment arises because of a change in the measuring instrument between pretest and posttest, and not because of the instrument's differential impact at the end, is termed as:

Select the correct option

- Testing Effect
- Maturation Effect
- Statistical Regression
- Instrumentation Effect

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SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2022)

Question # 10 of 10 (Start time: 07:12:26 PM, 09 February 2021)

The recorded measures of certain phenomenon, is called _____.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Information |
| <input type="radio"/> | Editing |
| <input checked="" type="radio"/> | Data |
| <input type="radio"/> | Coding |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 3 of 10 (Start time: 07:02:08 PM, 09 February 2021)

_____ is a measure in which the researcher captures the direction of a variable construct.

Select the correct option

<input type="radio"/>	Scale
<input type="radio"/>	Index
<input type="radio"/>	Collapsing
<input type="radio"/>	Combining



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 8 of 10 (Start time: 07:09:43 PM, 09 February 2021)

Which of the following experimental designs has only one group, a treatment, and a posttest?

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Select the correct option

- | | |
|-----------------------|-----------------------------------|
| <input type="radio"/> | One-shot case study Design |
| <input type="radio"/> | One Group Pretest-posttest Design |
| <input type="radio"/> | Two Groups Posttest-only Design |
| <input type="radio"/> | None of the given options |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 7 of 10 (Start time: 07:08:13 PM, 09 February 2021)

Total M

Which of the following refers to the partials replicate or reproduce the same relationship that existed in the bivariate table before considering the control variable?

Select the correct option

- | | |
|----------------------------------|------------------------------|
| <input checked="" type="radio"/> | Replication pattern |
| <input type="radio"/> | Specification pattern |
| <input type="radio"/> | Suppressor variable pattern |
| <input type="radio"/> | Negative linear relationship |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 6 of 10 (Start time: 07:06:55 PM, 09 February 2021)

Which of the following is the process of marking segments of data with symbols, descriptive words or category?

Select the correct option

- | | |
|----------------------------------|------------|
| <input type="radio"/> | Concurring |
| <input checked="" type="radio"/> | Coding |
| <input type="radio"/> | Coloring |
| <input type="radio"/> | Segmenting |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 2 of 10 (Start time: 07:00:35 PM, 09 February 2021)

Secondary /existing data may include which of the following?

Select the correct option

- | | |
|-----------------------|--------------------------|
| <input type="radio"/> | Official documents |
| <input type="radio"/> | Personal documents |
| <input type="radio"/> | Archived research data |
| <input type="radio"/> | All of the given options |



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 4 of 10 (Start time: 07:03:36 PM, 09 February 2021)

Researchers read percentaged tables to make:

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Select the correct option

<input type="radio"/>	Differences
<input type="radio"/>	Relationships
<input checked="" type="radio"/>	Comparison
<input type="radio"/>	None of the above

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 5 of 10 (Start time: 07:05:04 PM, 09 February 2021)

Which of the following means that all the items in a scale or index fit together or measure a single construct?

Select the correct option

Scale

Index

Unidimensionality

Weighting



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 10 of 10 (Start time: 06:50:49 PM, 09 February 2021)

Control for a third variable makes a:

Select the correct option

- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | One variable table. |
| <input checked="" type="radio"/> | Bivariate table. |
| <input type="radio"/> | Trivariate table. |
| <input type="radio"/> | None of the above. |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 1 of 10 (Start Time: 06:59:19 PM, 09 February 2021)

Which of the following is the most damaging problem for the researcher with secondary data?

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Select the correct option

- It may not be accurate
- It may be biased
- It may not address the aims
- It may only provide part of the answer

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 10 of 10 (Start time: 06:50:49 PM, 09 February 2021)

Control for a third variable makes a:

Select the correct option

<input type="radio"/>	One variable table.
<input checked="" type="radio"/>	Bivariate table.
<input type="radio"/>	Trivariate table.
<input type="radio"/>	None of the above.

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 9 of 10 (Start time: 06:49:59 PM, 09 February 2021)

Which of the following is true?

Select the correct option

A study is internally valid but may not be externally valid

A study must be both internally and externally valid

The internal and external validity of studies are not related in any way

None of the given options

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 7 of 10 (Start time: 06:48:03 PM, 09 February 2021)

Which of the following would allow me to have the MOST control over environmental variables when conducting a research study?

Select the correct option

- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | True experimental design |
| <input type="radio"/> | Quasi-experimental design |
| <input type="radio"/> | Survey |
| <input type="radio"/> | Case study |



SHAHID 0306-7099313 (STA630) QUIZ # 3 (2021,2020)

Bar charts or graphs are used for:

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

<input type="radio"/>	Categorical variables
<input type="radio"/>	Ordered variables
<input checked="" type="radio"/>	Discrete variables
<input type="radio"/>	Continuous variables

(Start time: 00:47:19 PM, 09 February 2021)

The bivariate table derived from trivariate table is called;

SHAHID 0306-7099313 (STA630) Quiz # 5 (2021,2020)

Select the correct option

<input type="radio"/>	Sub table
<input type="radio"/>	Bivariates
<input checked="" type="radio"/>	Partials
<input type="radio"/>	Correlation tables



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Question # 5 of 10 (Start time: 06:46:34 PM, 09 February 2021)

Secondary /existing data may include which of the following?

Select the correct option

- | | |
|-----------------------|--------------------------|
| <input type="radio"/> | Official documents |
| <input type="radio"/> | Personal documents |
| <input type="radio"/> | Archived research data |
| <input type="radio"/> | All of the given options |



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 4 of 10 (Start time: 06:45:57 PM, 09 February 2021)

In single-case research, "baseline" refers to _____.

Select the correct option

- The beginning point of the treatment condition
- The end point of the treatment condition
- The rate of response established prior to the experimental intervention
- The time during which a treatment condition is administered

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 2 of 10 (Start time: 06:44:13 PM, 09 February 2021)

'Making inferences pertinent to the meaning and implications of the research investigation and drawing conclusions' is definition of,

Select the correct option

- | | |
|----------------------------------|-----------------------|
| <input checked="" type="radio"/> | Interpretation |
| <input type="radio"/> | Graphical explanation |
| <input type="radio"/> | Summary statistics |
| <input type="radio"/> | Visual representation |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

_____ is a measure in which the researcher captures the direction of a variable construct.

Select the correct option

- | | |
|----------------------------------|------------|
| <input checked="" type="radio"/> | Scale |
| <input type="radio"/> | Index |
| <input type="radio"/> | Collapsing |
| <input type="radio"/> | Combining |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 10 of 10 (Start time: 06:38:03 PM, 09 February 2021)

No relationship among variables in a percentaged table looks like:

Select the correct option

- Equal across cells
- Larger in diagonal cells
- Pattern across cells
- None of the given options

SHAHID 0306-7099319 (STA630) Quiz # 3 (2021,2020)

Question # 1 of 10 (Start time: 06:43:05 PM, 09 February 2021)

What is the purpose of a control group?

Select the correct option

- Make the experiment easier to analyze
- Show the value of the dependent variable when the independent variable is not being manipulated
- To be able to better evaluate the effect of the independent variable
- To control all variables

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SHAHID 0306-7099313 (STAG30) Quiz # 3 (2021,2020)



MCT190405162: UMER KHURSHEED

Time Left 83 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:20 PM, 09 February 2021

Question # 6 of 10 (Start time: 05:26:16 PM, 09 February 2021)

Total Marks: 1

Which of the following is true?

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Select the correct option

- A study is internally valid but may not be externally valid
- A study must be both internally and externally valid
- The internal and external validity of studies are not related in any way
- None of the given options

Click on the correct answer to mark as correct

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



Question # 8 of 10 (Start time: 06:35:47 PM, 09 February 2021)

All of the given options are parts of experiment EXCEPT:

Select the correct option

<input type="radio"/>	Treatment variable
<input type="radio"/>	Dependent variable
<input type="radio"/>	Experimental group
<input checked="" type="radio"/>	Statistical control



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Question # 9 of 10 (Start time: 06:36:52 PM, 09 February 2021)

In frequency tables total of columns and rows are called:

Select the correct option

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



Body of table



Cell of table



Area of table



Marginal





MCT190405162: UMER KHURSHEED

Time Left 78 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:20 PM, 09 February 2021

Question # 8 of 10 (Start time: 05:29:45 PM, 09 February 2021)

Total Marks: 1

The final stage in the coding process is

Select the correct option

- Data entry
- Data cleaning
- Production coding
- Code construction

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)





MCT190405162: UMER KHURSHEED

Time Left 79 sec(s)

STA630: Quiz - 3

Quiz Start Time: 05:20 PM, 09 February 2021

Question # 9 of 10 (Start time: 05:30:16 PM, 09 February 2021)

Total Marks: 1

A linear relationship looks like larger percentages in the:

Select the correct option

- Horizontal cell
- Diagonal cell
- Vertical cell
- None of the above

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



Which of the following measures of central tendency is referred as 'the most common or frequently occurring number'?

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Select the correct option

<input type="radio"/>	Mean
<input type="radio"/>	Median
<input checked="" type="radio"/>	Mode
<input type="radio"/>	None of the given options





BC190206557: NABEEL AHMED

Time Left 89 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:32 PM, 09 February 2021

Question # 9 of 10 (Start time: 05:38:13 PM, 09 February 2021)

Total Marks: 1

In an experimental research study, the primary goal is to isolate and identify the effect produced by which of the following?

Select the correct option

- Dependent variable
- Extraneous variable
- Independent variable
- Confounding variable

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



MC190202174: HIRA ABBAS

Time Left 76 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:55 PM, 09 February 2021

Question # 2 of 10 (Start time: 05:56:27 PM, 09 February 2021)

Total Marks: 1

Which of the following describes the situation in which the control variable intervenes between the original independent variable and the dependent variables?

Select the correct option

- Replication pattern
- Suppressor variable pattern
- Negative linear relationship
- Interpretation pattern

Click to Save Answer & Move to Next Question




Question # 5 of 10 (Start time: 06:32:40 PM, 09 February 2021)

Which of the following number of variables involved in Descriptive Statistics?

Select the correct option

<input type="radio"/>	Bivariate
<input type="radio"/>	Multivariate
<input type="radio"/>	Univariate
<input type="radio"/>	All of the given options



_____ is a set of rules stating that certain numbers are assigned to variable attributes

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

- Information
- Coding
- Data
- Coding procedure

Question # 8 of 10 (Start time: 06:23:09 PM, 09 February 2021)

Threat to internal validity of an experiment arises when some subjects do not continue throughout the experiment, is referred as:

Select the correct option

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- Selection Bias Effect
- Maturation Effect
- Testing Effect
- Mortality

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



STA630:Quiz - 3

Question # 9 of 10 (Start time: 06:24:38 PM, 09 February 2021)

_____ is a measure in which the researcher captures the level of a variable construct.

Select the correct option

- Scale
- Index
- Collapsing
- Combining

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

SHAHID 0306-7099313 (STA630) QUIZ # 3 (2021,2020)

Question # 4 of 10 (Start time: 06:31:16 PM, 09 February 2021)

Which of the following experimental designs has two groups, both the groups are exposed to pretest and posttest, the experimental group is exposed to treatment while the control group is not?

Select the correct option

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Pretest and Posttest Experimental and Control Group Design

Solomon's Four Group Design

Classical Experimental Design

Two Groups Posttest-only Design



Question # 1 of 10 (Start time: 06:27:35 PM, 09 February 2021)

Which of the following issues should NOT be mentioned in an introductory statement of questionnaire?

Select the correct option

- The information will be kept confidential
- What the findings of the research are?
- Who is funding the research?
- Why the respondent has been chosen?

SHAHID 0306-709313 (STA630) Quiz # 3 (2021,2020)

STA630 Quiz - 3

Question # 10 (Start time: 06:25:26 PM, 09 February 2021)

A study that involves no researcher intervention is called _____

Select the correct option

- An experimental study
- An observational study
- A quasi-experimental study
- A non involvement study

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

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Type here to search

Google Chrome

STA630GrandQuiz

Question # 3 of 10 (Start time: 06:30:05 PM, 09 February 2021)

Which of the following is a measure in which the researcher captures the intensity, direction, level, or potency of a variable construct?

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SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

<input checked="" type="radio"/>	Scale
<input type="radio"/>	Index
<input type="radio"/>	Unidimensionality
<input type="radio"/>	Weighting

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Question # 2 of 10 (Start time: 06:28:59 PM, 09 February 2021)

Assigning numbers or other symbols to the responses, to group them into limited number of categories is called _____.

Select the correct option

<input type="radio"/>	Information
<input checked="" type="radio"/>	Coding
<input type="radio"/>	Data
<input type="radio"/>	Editing

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SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



MC190202174: HIRA ABBAS

Time Left 77 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:55 PM, 09 February 2021

Question # 3 of 10 (Start time: 05:57:22 PM, 09 February 2021)

Total Marks: 1

When studying the simultaneous responses to two categorical questions we should set up a:

Select the correct option

- Contingency table.
- Frequency distribution table.
- Cumulative percentage distribution table.
- Histogram.

Click to Save Answer & Move to Next Question



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



MC190202174: HIRA ABBAS

Time Left 65 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:55 PM, 09 February 2021

Question # 8 of 10 (Start time: 06:00:12 PM, 09 February 2021)

Total Marks: 1

Control for a third variable makes a:

Select the correct option

- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | One variable table. |
| <input checked="" type="radio"/> | Bivariate table. |
| <input type="radio"/> | Trivariate table. |
| <input type="radio"/> | None of the above. |

Click to Save Answer & Move to Next Question



BC200204824: SHABEER AHMET

STA630: Quiz - 3

Question # 5 of 10 (Start time: 06:20:39 PM, 09 February 2021)

Which of the following describes the situation in which the control variable intervenes between the original independent variable and the dependent variables?

Select the correct option

- Replication pattern
- Suppressor variable pattern
- Negative linear relationship
- Interpretation pattern

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

BC20020467 SHABEER AHMED

STA630 Quiz - 3

Question # 6 of 10 (Start time: 06:21:31 PM, 09 February 2021)

Statistics is used by researchers to

Select the correct option

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

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

STA630:Quiz - 3

Question # 7 of 10 (Start time: 09:22:26 PM, 09 February 2021)

_____ is a measure in which the researcher captures the intensity of a variable construct.

Select the correct option

- Scale
- Index
- Collapsing
- Combining

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 4 of 10 (Start time: 06:19:50 PM, 09 February 2021)

_____ is a measure in which the researcher captures the direction of a variable construct.

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Select the correct option

- Scale
- Index
- Collapsing
- Combining

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SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 3 of 10 (Start time: 06:07 PM, 09 February 2021)

Which of the following is the most damaging problem for the researcher with secondary data?

Select the correct option

- It may not be accurate
- It may be biased
- It may not address the aims
- It may only provide part of the answer

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



MC190202174: HIRA ABBAS

Time Left 79 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:55 PM, 09 February 2021

Question # 10 of 10 (Start time: 06:01:18 PM, 09 February 2021)

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 the correct option

- Construct
- Internal
- External
- Causal

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)





MC190202174: HIRA ABBAS

Time Left 79 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:55 PM, 09 February 2021

Question # 6 of 10 (Start time: 05:59:18 PM, 09 February 2021)

Total Marks: 1

Researchers read percentaged tables to make:

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Differences |
| <input type="radio"/> | Relationships |
| <input checked="" type="radio"/> | Comparison |
| <input type="radio"/> | None of the above |

Click to Save Answer & Move to Next Question



Which of the following term refers to a statistical method that is used to statistically equate groups on a pretest or some other variable?

Select the correct option

- Experimental control
- Differential influence
- Matching
- Analysis of covariance



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SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2022)

Question # 2 of 10 (Start time: 06:18:26 PM, 09 February 2021)

Which of the following terms best describes data that were originally collected at an earlier time by a different person for a different purpose?

Select the correct option

- Primary data
- Secondary data
- Experimental data
- Field notes

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



MC190202174: HIRA ABBAS

Time Left 86 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:55 PM, 09 February 2021

Question # 1 of 10 (Start time: 05:55:12 PM, 09 February 2021)

Total Marks: 1

A study that involves no researcher intervention is called _____.

Select the correct option

- An experimental study
- An observational study
- A quasi-experimental study
- A non involvement study

Click to Save Answer & Move to Next Question



Results with one variable

Frequency Distribution

Several useful techniques for displaying data are in use. The easiest way to describe the numerical data of one variable is with a **frequency distribution**. It can be used with nominal, ordinal, interval, or ratio-level data and takes many forms. For example we have data of 400 students. We can summarize the data on the gender of the students at a glance with raw count or a **frequency distribution**

Table 1: Frequency distribution of students

Gender	Frequency	Percent
Male	300	75
Female	100	25



BC190206557: NABEEL AHMED

Time Left 88 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:32 PM, 09 February 2021

Question # 10 of 10 (Start time: 05:39:06 PM, 09 February 2021)

Total Marks: 1

Experimental research builds on the principles of _____ approach more directly than do the other research techniques.

Select the correct option

- | | |
|----------------------------------|---------------------------|
| <input type="radio"/> | Interpretivist |
| <input checked="" type="radio"/> | Positivist |
| <input type="radio"/> | Subjectivist |
| <input type="radio"/> | None of the given options |

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



BC190206557: NABEEL AHMED

Time Left 88 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:32 PM, 09 February 2021

Question # 7 of 10 (Start time: 05:36:46 PM, 09 February 2021)

Total Marks: 1

Which of the following is an example of a Likert scale?

Select the correct option

- Agree/disagree
- Male/female
- 0 to 100
- Strongly agree/agree/neutral/disagree/strongly disagree

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Enter to view message content
87 messages from 7 chats

Question # 6 of 10 (Start time: 05:36:05 PM, 09 February 2021)

Total Marks: 1

Easiest way to describe the numerical data of one variable is with a:

Select the correct option

- Cumulative percentage distribution table.
- Bar charts.
- Pie chart.
- Frequency distribution.

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

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90 messages from 7 chats

Question # 8 of 10 (Start time: 05:37:24 PM, 09 February 2021)

Total Marks: 1

Frequency distribution technique can be used for which of the following scales?

Select the correct option

- | | |
|-----------------------|--------------------------|
| <input type="radio"/> | Nominal |
| <input type="radio"/> | Ordinal |
| <input type="radio"/> | Interval |
| <input type="radio"/> | All of the given options |

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



No relationship among variables in a percentaged table looks like;

Select the correct option

- Equal across cells
- Larger in diagonal cells
- Pattern across cells
- None of the given options

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



Enter to view message content
84 messages from 7 chats

Question # 5 of 10 (Start time: 05:35:04 PM, 09 February 2021)

Total Marks: 1

Which of the following is the most damaging problem for the researcher with secondary data?

Select the correct option

- It may not be accurate
- It may be biased
- It may not address the aims
- It may only provide part of the answer

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (S1A630) Quiz # 3 (2021,2020)



BC190206557: NABEEL AHMED

Time Left 88 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:32 PM, 09 February 2021

Question # 4 of 10 (Start time: 05:34:30 PM, 09 February 2021)

Total Marks: 1

The group that does not receive the treatment is called;

Select the correct option

- | | |
|----------------------------------|---------------------------|
| <input type="radio"/> | Experimental group |
| <input checked="" type="radio"/> | Control group |
| <input type="radio"/> | Independent group |
| <input type="radio"/> | None of the given options |

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Which of the following groups does not receive the experimental treatment condition?

Select the correct option

- Experimental group
- Control group
- Treatment group
- Independent group

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Enter to view message content
83 messages from 6 chats

Question # 3 of 10 (Start time: 05:33:57 PM, 09 February 2021)

Total Marks: 1

The purpose of experimental research is to allow the researcher to control the research situation to evaluate which type of relationship?

Select the correct option

- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | Causal relationship |
| <input type="radio"/> | Correlationship |
| <input type="radio"/> | Linear relationship |
| <input type="radio"/> | Multivariate relationship |

Click to Save Answer & Move to Next Question

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BC190206557: NABEEL AHMED

Time Left 86 sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:32 PM, 09 February 2021

Question # 1 of 10 (Start time: 05:32:33 PM, 09 February 2021)

Total Marks: 1

The group that receives the experimental treatment condition is called as _____.

Select the correct option

- Experimental group
- Control group
- Participant group
- Independent group

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



MCT190405162: UMER KHURSHEED

Time Left 82
sec(s)

STA630:Quiz - 3

Quiz Start Time: 05:20 PM, 09 February 2021

Question # 7 of 10 (Start time: 05:28:20 PM, 09 February 2021)

Total Marks: 1

When does random assignment occur?

Select the correct option

- When subjects have an equal chance to be assigned to any condition and/or group in a study
- When a subject can choose its group and study
- When a subject cannot choose its group and study
- None of the given options

[Click to Save Answer & Move to Next Question](#)

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)





MCT190405162: UMER KHURSHEED

Time Left 86 sec(s)

STA630: Quiz - 3

Quiz Start Time: 05:20 PM, 09 February 2021

Question # 4 of 10 (Start time: 05:24:33 PM, 09 February 2021)

Total Marks: 1

The group that does not receive the treatment is called;

Select the correct option

- Experimental group
- Control group
- Independent group
- None of the given options

Click to Save Answer & Move to Next Question

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



in experiments on human social behavior. Although it is most widely used in experiment is found in education, criminal justice, journalism, marketing, nursing, social work, and sociology.

The purpose of experimental research is to allow the researcher to *control* the research that *causal* relationships among variables may be evaluated. The experimenter, therefore, a single variable in an investigation and holds constant all other, extraneous variables, controlled in an experiment in a way that is not possible in a survey). The goal of the design is the confidence that it gives the researcher that his experimental treatment is effect he measures.

Experiment is a research design in which conditions are controlled so that one or more be manipulated in order to test a hypothesis. Experimentation is a research design evaluation of causal relationship among variables.

Experiments differ from other research methods in terms of degree of control over situation. In a typical experiment one variable (the *independent variable*) is manipulated

Random assignment is random in statistical/mathematical sense, not in everyday sense. In everyday speech, random means unplanned, haphazard, or accidental, but it has a special meaning in mathematics. In probability theory, random describes a process in which each case has a known chance of being selected. Random selection allows the researcher calculate the odds that a specific case will be sorted into one group or the other. A random process is the one in which all cases have an exactly **equal chance** of ending up in one or the other group. □

Random assignment or randomization is unbiased because a researcher's desire to confirm a hypothesis or a research subject's personal interests does not enter into the selection process. It also assures the researcher that repetitions of an experiment under the controlled conditions – will show true effects, if they exist. Random assignment of subjects allows the researcher to assume that the groups are identical with respect to all variables except for experimental treatment.

SHAHID 0306-1099313 (STA633) Quiz # 3 (2021,2020)

SHAHID 0306-7093373

A **scale** is a measure in which the researcher captures the intensity, direction, level, or potency of a **variable construct**. It arranges responses or observation on a continuum. A scale can use single indicator or multiple indicators. **Most are at the ordinal level of measurement.**

An **index** is a measure in which a researcher adds or combines several distinct indicators of a construct into a single score. This composite score is often a simple sum of multiple indicators. It is used for content or convergent validity. **Indexes are often measured at the interval or ratio level.**

STAGS QUIZ # 3 (2021,2020)



MCT190405162: UMER KHURSHEED

Time Left 72 sec(s)

STA630: Quiz - 3

Quiz Start Time: 05:20 PM, 09 February 2021

Question # 1 of 10 (Start time: 05:20:00 PM, 09 February 2021)

Total Marks: 1

A form of the nonequivalent comparison-group design is recommended when:

Select the correct option

- It is not possible to control for a basic history effect
- It is not possible to randomly assign participants to groups
- It is not possible to identify two groups
- All of the above

[Click to Save Answer & Move to Next Question](#)

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4. Instrumentation Effects: Instrumentation effects are yet another source of threat to internal validity. These might arise because of a change in the measuring instrument between pretest and posttest, and not because of the instrument's differential impact at the end. For example, in a weight-loss experiment, the springs on the scale weaken during the experiment, giving lower readings in the posttest.

A change in the wording of questions (may be done to avoid testing effects), change in interviewers, or change in other procedures to measure the dependent variable can cause instrumentation effect.

Performance of the subjects measured by the units of output in the pretest, but when measuring the output in posttest the researcher measures it by the number of units rejected, and the amount of resources expended to produce the units.

SHAHID 03061009313 (STA9330) QUIZ #3 (2021,2020)

Ethical Issues in Lab Experiments

We have already discussed the ethical issues in research. Just for the sake of emphasis, it may be appropriate to very briefly repeat some of those which are specifically relevant to experimental designs. The following actions may be unethical:

- Putting pressure on individuals to participate in experiments through coercion, or apply social pressure.
- Asking demeaning questions from the subjects that hurt their self-respect or giving menial task to subjects that diminish their self-respect.
- Deceiving subjects by deliberately misleading them as to the true purpose of research.
- Exposing participants to physical or mental stress.
- Not allowing subjects to withdraw from the experiment when they want to.
- Using research results to disadvantage the participants, or for purposes not to their liking.
- Not explaining the procedures to be followed in the experiment.
- Exposing subjects to hazardous and unsafe environments.
- Not debriefing the participants fully and accurately after the experiment is over.
- Not preserving the privacy and confidentiality of the information given by the participants.
- Withholding benefits from the control group.

Human Subjects Committee

Second, the coding categories should also be **mutually exclusive** and **independent**. This means there should be no overlap between the categories, to ensure that a subject or response can be in only one category. This frequently requires that an "other" code category be included, so categories are all inclusive and mutually exclusive. For example, managerial span of control is coded 1, 2, 3, 4, and "5 or more." The "5 or more" category ensures everyone a place in a code. When a questionnaire is highly structured, pre-coding of the categories typically occurs before data are collected. In many cases, such as when researchers are using open-ended response questions, a framework for classifying responses to questions cannot be established before data collection. This situation requires some careful thought concerning the determination of categories after the coding process has been completed. This is called post-coding or simply *coding*. The purpose of **open-ended response questions** is to reduce the large number of individual responses to a few **general categories of answers that can be assigned numerical scores**. Code construction in these situations necessarily must reflect the judgment of the researcher. A major objective in the coding process is to accurately transfer the meaning from written answers to numeric codes.

EXPERIMENTAL RESEARCH

Experimental research builds on the **principles of** positivist approach more directly than do the other research techniques. Researchers in the natural sciences (e.g. chemistry and physics), related applied fields (e.g. engineering, agriculture, and medicines) and the social sciences conduct experiments. The logic that guides an experiment on plant growth in biology or testing a metal in engineering is applied in experiments on human social behavior. Although it is most widely used in psychology, the experiment is found in education, criminal justice, journalism, marketing, nursing, political science, social work, and sociology.

The purpose of experimental research is to allow the researcher to *control* the research situation so that *causal* relationships among variables may be evaluated. The experimenter, therefore, manipulates a single variable in an investigation and holds constant all other, extraneous variables. (Events may be controlled in an experiment in a way that is not possible in a survey). The goal of the experimental design is the confidence that it gives the researcher that his experimental treatment is the cause of the effect he measures.

Experiment is a research design in which conditions are controlled so that one or more variables can be manipulated in order to test a hypothesis. Experimentation is a research design that allows

MC1904I5325: BILAL TAHIR

Time Left: 89 sec

STA630 Quiz - 3

Quiz Start Time: 07:28 PM, 09 February 2021

Question # 1 of 10 (Start time: 07:28:37 PM, 09 February 2021)

Total Marks: 1

Which of the following can be referred as semantic analysis?

Select the correct option

- Latent Coding
- Accretion
- Count Behaviors
- Intensity

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Assigning numbers or other symbols to the responses, to group them into limited number of categories is called

Select the correct option

- Information
- Coding
- Data
- Editing

Submit Answer

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



MC190201250- SUNDAS IQBAL

Time Left 90 sec(s)

STA630-Quiz - 3

Quiz Start Time: 07:16 PM, 09 February 2021

Question # 7 of 10 (Start time: 07:20:04 PM, 09 February 2021)

Total Marks: 1

Which of the following issues should NOT be mentioned in an introductory statement of questionnaire?

Select the correct option

- The information will be kept confidential
- What the findings of the research are?
- Who is funding the research?
- Why the respondent has been chosen?

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MCQ's for QUIZ#3 ---BY ABU SULTAN---STA630---Lecture # 27 to 37

S#	Statement	Answer
1.	If groups of participants are selected to represent sub-groups in the population (e.g. such as selecting an entire class of management students to be compared to a group of economics students), this is known as...	Cluster sampling
2.	Which of the following term refers to a statistical method that can be used to statistically equate groups on a pretest or some other variable?	Analysis of covariance
3.	Which of the following is NOT a major method of data collection?	Correlation method
4.	Which type of observer is likely to get a reasonable insight into the participant's views and develop a good rapport with him?	Participant
5.	The group that receives the experimental treatment condition is called as ___	Experimental group
6.	The final stage in the coding process is	Data clearing
7.	An expectant pause is a part of:	Probing tactics
8.	Which of the following is an example of an issue that would be checked in a pilot testing?	Logical answers between questions
9.	Asking neutral questions is a part of	Probing tactics
10.	Which of the following best defines the population of study?	The total collection of elements about which....
11.	A researcher wants to study the impact of average hour of study in a week on CGPA of MBA students in virtual university of Pakistan. He focused on specifically the students specialized in finance. The total of number of MBA students in VU is an example of which of the following?	Target population
12.	Assigning numbers or other symbols to the responses, to group them into limited number of categories is called _____	Coding
13.	Which is most likely to yield qualitative data?	Focus group
14.	Which of the following is an example of a dilemma that might face feminist business researchers conducting qualitative interviews with woman?	How to overcome...
15.	Which of the following is not true about stratified random sampling?	Proportions of groups in the sample.....
16.	Which one of the following aspect needs to be evaluated during "Pilot Testing"?	All of the given options
17.	A census taker often collects data through which of the following?	Secondary data
18.	Mr. Raheel is concerned about potential problems with the reliability of his observers, which strategy would you suggest he should follow?	Specification, training and monitoring
19.	In frequency tables total of columns and rows are called	Marginal
20.	Which of the following elements are not required for structuring Observation in Non reactive research	Accretion
21.	Which of the following experimental designs has only one group, a pretest, a treatment and a posttest.	One Group pretest-posttest Design
22.	A form of the nonequivalent comparison-group design is recommend when:	All of the above

23.	Frequency distribution technique can be used for which of the following scales?	All of the given options
24.	Which of the following issues should NOT be mentioned in an introductory statement of questionnaire?	What the findings of the research are?
25.	In quasi-experimental research design, causal interpretations can be made __	Only when the participants have been randomly selected
26.	All of the following are the instruction to record answers to open ended questions EXCEPT:	Use the interviewer's own words
27.	A numerical value calculated from population is called	Parameter
28.	Coding categories should be:	Mutually exclusive and independent
29.	Which of the following give a more "accurate" representation of the population from which a sample has been taken?	A large sample based on simple random sampling
30.	The process of changing data from their original form to a format that is more suitable to perform data analysis is called as ____	Data transformation
31.	Pilot testing can be beneficial in:	Analysis of data
32.	Bar charts or graphs are used for:	Discrete variables
33.	Which of the following is not example of historical comparative research?	Turnover
34.	Which of the following is a measure in which a researcher adds or combines several distinct indicators of a construct into a single score?	Index
35.	Which of the following is not something a researcher will have to consider when thinking about their sample size?	Length of questionnaire
36.	In random sampling, the probability of selecting an item from the population is:	Known
37.	Historians organize evidence usually in which of the following form?	Narrative form
38.	All of the given options are factors affecting internal validity of an experiment EXCEPT;	Recency effect
39.	A collection of related records is called ____	File
40.	Which is most likely to yield qualitative data?	Focus group
41.	When constructing a questionnaire, it is imperative to do each of the following EXCEPT ____	Use "leading" or "loaded" question
42.	Non probability sampling is used when which of the following condition fulfills	Researcher's is least concerned about ...
43.	In experimental research, a specific event in the external environment occurring between the first and second measurement that is beyond the control of the experimenter and that affects the validity of an experiment, is termed as;	History Effect
44.	Which of the following can be referred as a Reputational sampling?	Snowball sampling
45.	The posttest-only design with nonequivalent groups is likely to control for which of the following threats to internal validity	Differential attribution

46.	Which of the following is a measure of inflation?	Consumer price index
47.	Ways to manipulate and summarize numbers that represent data from research projects is termed as:	Statistics
48.	Which of the following experimental designs has two groups, both the groups are exposed to pretest and posttests, the experimental group is exposed to treatment while the control group is not?	Pretest and posttest experimental and control group design
49.	Which of the following describes the situation in which the control variable intervenes between the original independent variable and the dependent variables?	Interpretation Pattern
50.	Secondary/existing data may include which of the following?	All of the given options
51.	In an experimental research study, the primary goal is to isolate and identify the effect produced by which of the following?	Independent variable
52.	Which of the following would allow me to have the MOST control over environmental variables when conducting a research study?	True experimental design
53.	Which of the following is an advantage of open question?	They allow respondents to answer in their own..
54.	"What is the level of satisfaction in your organization?" which of the following represents the problem associated with this question?	It is an open ended question
55.	Which of the following occurs when one partial replicate the initial bivariate relationship but other partials do not?	Specification pattern
56.	The summary description of a given variable in a population is called as:	Parameter
57.	In data collection process, when a researcher has to conduct an in depth interview, which of the following tool is necessary?	Observation
58.	The faculty members of a university consists of 85% staff with masters as highest qualification. Rest of 15% can be divided as 10% M.Phil, 4% Phd. And 1% post doctorate as highest qualification. A researcher want the sample of each category in proportion as given above. Which of the following is the best choice for him to take sample?	Quota sampling
59.	Which of the following number of variables involved in Descriptive Statistics? <ul style="list-style-type: none"> • Bivariate • Univariate • Multivariate • All of the given options 	All of the given options
60.	Why does qualitative interviewing have an advantage over participant observation when it comes to longitudinal research?	Repeat interviews are easier to organize
61.	Asking neutral questions is a part of:	Probing tactics
62.	Pilot study is _____ -	A small scale study
63.	All of the following are the principles of asking interview questions, EXCEPT;	Read each question rapidly

64.	Sample is subset of	Population
65.	An expectant pause is a part of:	Probing tactics
66.	How do you find comfort at your work place? Very good, good, fair, poor This question is poorly structured. In your opinion what is the problem in its design?	Ambiguity and vagueness
67.	Which of the following best defines the population element/unit of study?	The subject on which measurement is being taken
68.	What is the main purpose of pilot testing?	To identify potential problems
69.	___ is not an example of non-probability sampling technique	cluster
70.	Have you ever had or been treated for skin allergy? Yes, No. Which type of question is it?	Loaded question
71.	The difference between parameter and statistics is called	Sampling error
72.	The list of all units in a population is called	Sampling frame
73.	___ is the list of elements from which the sample is drawn	Sampling frame
74.	___ is that unit about which information is collected and which provides the basis of analysis	Element
75.	Which of the following can be referred as a Reputational sampling?	Snowball Sampling
76.	Which of the following is a measure of inflation?	Consumer Price Index
77.	An important issue in index construction is to ___ items	Weight
78.	Which of the following elements of observation is/are included in Non-reactive research?	All of the given options
79.	All of the following are stages in the selection of a sample EXCEPT;	Analyze data
80.	A stratified sample in which the number of sampling units drawn from each stratum is in proportion to the population size of the stratum is called a:	Proportional stratified sample
81.	Assigning males the value of zero and female the value of one in a database to record the gender of the respondent is an example of:	Coding
82.	Arranging data in a table is called:	Tabulation
83.	When initial subjects are selected randomly and additional subjects are obtained from recommendations of names from the initial subjects, this sampling technique is called:	Snowball
84.	When different interviewers are used in a pretest from those use in the posttest and this produces different results in the study, this is an example of:	Instrumentation effect
85.	Which of the following is a threat to the internal validity of experiment using a repeated measure design?	Instrumentation effect
86.	Many researcher beginner researchers believe that research involves testing, treating and testing again. This is an example of:	Pre-experimental research
87.	Which of the following sampling is least reliable but normally the cheapest and easiest to conduct:	Convenience sampling
88.	Which of the following is a form of non-random sampling?	All of the given

		options
89.	Which of the following has greatly facilitated the researcher to conduct tabulation and statistical analysis?	All of the given options
90.	Sampling in qualitative research is similar to which type of sampling in quantitative research?	Purposive sampling
91.	Which of the following is least likely to occur as an ethical problem with electronic research?	People are not likely to be able to stop once...
92.	All of the following are unethical issues, EXCEPT;	Seeking permission for entry
93.	The extent to which a test provides scores that are meaningful, appropriate, or useful is referred to as;	Accuracy
94.	Which of the following functions is performed by the Ordinal scale?	Order
95.	What is the difference between interval/ratio and ordinal variables?	Ordinal variables have a fixed zero point...
96.	Which type of sampling strategy is exemplified by selecting two types of individuals: those who are extremely happy and those who are extremely sad?	Intensity
97.	Which of the following steps begins the analysis of qualitative data?	Describing the content and participants
98.	Which of the following represents the most general conceptualization in qualitative data analysis?	Topic
99.	Which of the following best describes qualitative data coding?	Numerically representing the concepts identified...
100.	The bivariate tables derived from trivariate table are called;	Correlational tables
101.	Quasi-experimental research is used because:	Random assignment is...
102.	Which of the following can be referred as Haphazard Sampling?	Convenience Sampling
103.	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.	External validity, internal validity
104.	Which of the following is a disadvantage of focus groups?	Requires objective, sensitive and
105.	Mr. Ali is concerned about potential problems with the reliability of his observers. Which strategy would you suggest, he should follow? <ul style="list-style-type: none"> • Train his observers carefully • Monitor his observers in the field • Specify the observational variables 	All of the given options

	<ul style="list-style-type: none"> All of the given options 	
106.	Control in experimental research is best described as an attempt to:	Limits threat to internal validity
107.	Which of the following groups does not receive the experimental treatment condition:	Control group
108.	Experimental research builds on the principles of ____ approach more directly than do the other research techniques;	Positivist
109.	Which of the following terms best describes data that were originally collected at an earlier time by a different person for a different purpose?	Secondary data
110.	Easiest way to describe the numerical data of one variable is with a:	Frequency distribution
111.	We compare across rows if percentage down by ____	Column
112.	We compare up and down in columns if percentage across ____	Rows
113.	Moderate size of table is ____	9 to 16
114.	The largest percentage forms a pattern across cells is called ____ relationship	Curvilinear
115.	If there is no relationship in table the cells percentage look approximately ____ across rows and columns.	Equal
116.	A ____ relationship looks like larger percentage in the diagonal cells.	Linear
117.	Researchers read percentage table to make ____	Comparisons
118.	In non-experimental research, a researcher controls for alternative explanations with ____	Statistics
119.	Alternative explanations are operationalized as a third variable called ____	Control variable
120.	Random assignment or randomization is ____	Unbiased

Pen Pals
Muwahid

STA630 Solved Quiz

SHAHID 03061699313 (STA630) Quiz # 3 (2021,2020)


Question # 2 of 10 (Start time: 12:18:09 PM, 10 February 2021)

Total Marks: 1

To establish that variable X cause's variable Y, all of the following conditions should be met, EXCEPT;

Select the correct option

- Both X and Y should co-vary
- X (the presumed causal factor) should precede Y
- Other factors should possibly cause the change in the dependent variable Y
- None of the given options



Click to Save Answer & Move to Next Question

Which ONE is the most damaging problem for the researcher with secondary data?

✘ Your answer:

d) It may only provide part of the answer.

Correct answer:

c) It may not address the aims.

Feedback:

The objectives (or purpose) must be central to any research project, otherwise irrelevant data will be generated.

Page reference: 70

Which of the following is the most damaging problem for the researcher with secondary data?

Select the correct option

It may not be accurate

It may be biased

It may not address the aims

It may only provide part of the answer

_____ is a measure in which a researcher adds or combines several distinct indicators

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

- Scale
- Index
- Collapsing
- Combining

Which of the following is true?

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Select the correct option

- A study is internally valid but may not be externally valid
- A study must be both internally and externally valid
- The internal and external validity of studies are not related in any way
- None of the given options



Control in experimental research is BEST described as an attempt to:

Select the correct option

Limit threats to external validity

Increase the generalize ability of findings

Equate the subjects on the treatment variable

Limit threats to internal validity

'Making inferences pertinent to the meaning and implications of the research investigation and drawing conclusions' is definition of;

Select the correct option

- Interpretation
- Graphical explanation
- Summary statistics
- Visual representation

A process of changing data from their original form to a format that is more suitable to perform a data analysis is called as _____

Select the correct option

- Data creation
- Information transformation
- Information creation
- Data transformation

Which of the following measures of central tendency is referred as 'the most common or frequently occurring number'?

Select the correct option

- Mean
- Median
- Mode
- None of the given options

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 10 of 10 (Start time: 12:14:27 PM, 10 February 2021)

Total Marks: 1

The group that does not receive the treatment is called;

Select the correct option

- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | Experimental group |
| <input type="radio"/> | Control group |
| <input type="radio"/> | Independent group |
| <input type="radio"/> | None of the given options |

All of the given options are parts of experiment EXCEPT;

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Select the correct option

- Treatment variable
- Dependent variable
- Experimental group
- Statistical control

Which of the following experimental designs has two groups, both the groups are exposed to pretest and posttest, the experimental group is exposed to treatment while the control group is not?

Select the correct option

- | | |
|----------------------------------|--|
| <input checked="" type="radio"/> | Pretest and Posttest Experimental and Control Group Design |
| <input type="radio"/> | Solomon's Four Group Design |
| <input type="radio"/> | Classical Experimental Design |
| <input type="radio"/> | Two Groups Posttest-only Design |

Which of the following is/are the element/s of Observation in Non Reactive research?

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

- External Appearance
- Count Behaviors
- Time Duration
- All of the given options



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 1 of 10 (Start time: 11:46:32 AM, 10 February 2021)

Which of the following experimental designs has two groups, both the groups are exposed to pretest and posttest, the experimental group is exposed to treatment while the control group is not?

Select the correct option

- Pretest and Posttest Experimental and Control Group Design
- Solomon's Four Group Design
- Classical Experimental Design
- Two Groups Posttest-only Design

1117158

Question # 2 of 10 (Start time: 11:47:41 AM, 10 February 2021)

Which of the following control techniques that is available to researcher, controls for both known and unknown variables?

Select the correct option

- | | |
|-----------------------|--|
| <input type="radio"/> | Building the extraneous variable into the design |
| <input type="radio"/> | Matching |
| <input type="radio"/> | Random assignment |
| <input type="radio"/> | Analysis of covariance |



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

(Start time: 11:48:33 AM, 10 February 2021)

'Making inferences pertinent to the meaning and implications of the research investigation and drawing conclusions' is definition of;

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Select the correct option

- Interpretation
- Graphical explanation
- Summary statistics
- Visual representation

In an experimental research study, the primary goal is to isolate and identify the effect produced by which of the following?

Select the correct option



Dependent variable



Extraneous variable



Independent variable



Confounding variable

SHAHID 0306-7099313 (STA630) Quiz# 3 (2021,2020)

Which of the following describes the situation in which the control variable intervenes between the original independent variable and the dependent variables?

Select the correct option

- Replication pattern
- Suppressor variable pattern
- Negative linear relationship
- Interpretation pattern

Quiz # 4 of 10 (Start time: 11:49:07 AM, 10 February 2021)

In experimental research, a specific event in the external environment occurring between the first and second measurement that is beyond the control of the experimenter and that affects the validity of an experiment, is termed as

Select the correct option

- History Effect
- Maturation Effect
- Testing Effect
- Instrumentation Effect

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SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

The purpose of experimental research is to allow the researcher to control the research situation to evaluate which type of relationship?

Select the correct option

- Causal relationship
- Correlationship
- Linear relationship
- Multivariate relationship

In quasi-experimental research designs, causal interpretations can be made _____.

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021, 2020)

Select the correct option

- | | |
|-----------------------|--|
| <input type="radio"/> | Only when rival explanations have been shown to be plausible |
| <input type="radio"/> | Only when rival explanations have been shown to be implausible |
| <input type="radio"/> | Only when the participants have been randomly selected |
| <input type="radio"/> | Only when there is a single participant in the experiment |


Question # 6 of 10 (Start time: 11:50:59 AM, 10 February 2021)

Which of the following issues should NOT be mentioned in an introductory statement of questionnaire?

Select the correct option

- The information will be kept confidential
- What the findings of the research are?
- Who is funding the research?
- Why the respondent has been chosen?

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Question # 7 of 10 (Start time: 11:51:35 AM, 10 February 2021)

The group that receives the experimental treatment condition is called as _____

Select the correct option

- | | |
|-----------------------|--------------------|
| <input type="radio"/> | Experimental group |
| <input type="radio"/> | Control group |
| <input type="radio"/> | Participant group |
| <input type="radio"/> | Independent group |

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 8 of 10 (Start time: 11:52:20 AM, 10 February 2021)

Control for a third variable makes a:

Select the correct option

- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | One variable table. |
| <input checked="" type="radio"/> | Bivariate table. |
| <input type="radio"/> | Trivariate table |
| <input type="radio"/> | None of the above |

Which of the tables is based on cross-tabulation and the cases are organized in the table on the basis of two variables at the same time?

Select the correct option

- Bivariate Tables
- Frequency Distribution Table
- SPSS Table
- MINITAB Table

Question # 9 of 10 (Start time: 11:52:48 AM, 10 February 2021)

Threat to internal validity of an experiment arises when some subjects do not continue throughout the experiment, is referred as;

Select the correct option

- Selection Bias Effect
- Maturation Effect
- Testing Effect
- Mortality

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Bar charts or graphs are used for:

Select the correct option



Categorical variables



Ordered variables



Discrete variables



Continuous variables



Question # 10 of 10 (Start time: 11:53:15 AM, 10 February 2021)

Researchers read percentaged tables to make:

Select the correct option

- | | |
|-----------------------|-------------------|
| <input type="radio"/> | Differences |
| <input type="radio"/> | Relationships |
| <input type="radio"/> | Comparison |
| <input type="radio"/> | None of the above |



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 10 of 10 (Start time: 11:53:24 AM, 10 February 2021)

Total Marks: 1

In order to read a table, students should first look at;

Select the correct option

- Variable labels
- Direction
- Percentages
- Summation

Question # 4 of 10 (Start time: 10:46:57 AM, 10 February 2021)

Total Marks: 1

All of the following options are ethical issues in lab experiment EXCEPT;

Select the correct option

- Exposing participants to physical or mental stress
- Deceiving subjects by deliberately misleading them
- Debriefing the participants accurately after the experiment is over
- Using research results to disadvantage the participants

Question # 1 of 10 (Start time: 10:45:04 AM, 10 February 2021)

Total Marks: 1

Which of the following can be referred as semantic analysis?

Select the correct option

- | | |
|-----------------------|-----------------|
| <input type="radio"/> | Latent Coding |
| <input type="radio"/> | Accretion |
| <input type="radio"/> | Count Behaviors |
| <input type="radio"/> | Intensity |

Which of the following means that all the items in a scale or index fit together or measure a single construct?

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Scale |
| <input type="radio"/> | Index |
| <input checked="" type="radio"/> | Unidimensionality |
| <input type="radio"/> | Weighting |

Click to Save Answer & Move to Next Question

Which of the following is more operational with the help of coding system?

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

- External Appearance
- Count Behaviors
- Time Duration
- Content analysis



Question # 5 of 10 (Start time: 10:49:05 AM, 10 February 2021)

Total Marks: 1

The posttest-only design with nonequivalent groups is likely to control for which of the following threats to internal validity:

Select the correct option

- History
- Differential selection
- Additive and interactive effects
- Differential attrition

Question # 6 of 10 (Start time: 10:49:50 AM, 10 February 2021)

Total Marks: 1

Which of the following terms best describes data that were originally collected at an earlier time by a different person for a different purpose?

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Primary data |
| <input checked="" type="radio"/> | Secondary data |
| <input type="radio"/> | Experimental data |
| <input type="radio"/> | Field notes |

[Click to Save Answer & Move to Next Question](#)

The bivariate table derived from trivariate table is called;


SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

- Sub table
- Bivariates
- Partials
- Correlation tables

In an experiment, a variable manipulated by a researcher is called as _____

Select the correct option

- | | |
|-----------------------|-------------|
| <input type="radio"/> | Stimulus |
| <input type="radio"/> | Control |
| <input type="radio"/> | Dependent |
| <input type="radio"/> | Independent |
- 

Question # 9 of 10 (Start time: 10:53:49 AM, 10 February 2021)

Total Marks: 1

In non-experimental research, a researcher controls for alternative explanations with;

Select the correct option

- Statistics
- Instruments
- Laboratories
- None of the given options

Question # 10 of 10 (Start time: 10:54:44 AM, 10 February 2021)

Total Marks: 1

Threat to internal validity of an experiment arises because of a change in the measuring instrument between pretest and posttest, and not because of the instrument's differential impact at the end, is termed as;

Select the correct option


- | | |
|-----------------------|------------------------|
| <input type="radio"/> | Testing Effect |
| <input type="radio"/> | Maturation Effect |
| <input type="radio"/> | Statistical Regression |
| <input type="radio"/> | Instrumentation Effect |
- 

Question # 1 of 10 (Start time: 10:58:59 AM, 10 February 2021)

Total Marks: 1

What is the purpose of a control group?

Select the correct option

- Make the experiment easier to analyze
- Show the value of the dependent variable when the independent variable is not being manipulated 
- To be able to better evaluate the effect of the independent variable
- To control all variables

Question # 2 of 10 (Start time: 10:59:38 AM, 10 February 2021)

Total Marks: 1

_____ variable(s) should be changed at a time when conducting a single-case design.

Select the correct option

4



3



2



1



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 3 of 10 (Start time: 11:00:02 AM, 10 February 2021)

Total Marks: 1

Which of the following is a measure in which the researcher captures the intensity, direction, level, or potency of a variable construct?

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | Scale |
| <input type="radio"/> | Index |
| <input type="radio"/> | Unidimensionality |
| <input type="radio"/> | Weighting |

_____ is a measure in which the researcher captures the level of a variable construct.

Select the correct option

Scale

Index

Collapsing

Combining

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 5 of 10 (Start time: 11:01:07 AM, 10 February 2021)

Total Marks: 1

Experimental designs, which have at least two groups, only experimental group is exposed to treatment, both groups record information before and after the treatment, are known as;

Select the correct option

- Ex-post facto experimental designs
- Quasi-Experimental Designs
- Classical Experimental Design
- Two Groups Posttest-only Design

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

Select the correct option

Scale

Index

Unidimensionality

Weighting

_____ is a measure in which the researcher captures the level of a variable construct.

Select the correct option

- Scale
- Index
- Collapsing
- Combining

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 7 of 10 (Start time: 11:02:11 AM, 10 February 2021)

Total Marks: 1

Which of the following is more operational with the help of coding system?

Select the correct option

 External Appearance Count Behaviors Time Duration Content analysis

Go to the Previous Question

Which of the following is NOT a major method of data collection?

Select the correct option

Questionnaires

Focus groups

Correlation method

Secondary data

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



Question # 8 of 10 (Start time: 11:02:50 AM, 10 February 2021)

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 the correct option

- | | |
|----------------------------------|-----------|
| <input checked="" type="radio"/> | Construct |
| <input type="radio"/> | Internal |
| <input type="radio"/> | External |
| <input type="radio"/> | Causal |

Coding categories should be:

Select the correct option

- Mutually inclusive and dependent
- Mutually exclusive and independent
- Mutually exclusive and dependent
- Mutually inclusive and independent

Question # 9 of 10 (Start time: 11:03:20 AM, 10 February 2021)

Total Marks: 1

Experimental research builds on the principles of _____ approach more directly than do the other research techniques.

Select the correct option



Interpretivist



Positivist



Subjectivist



None of the given options



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Question # 9 of 10 (Start time: 11:03:20 AM, 10 February 2021)

Total Marks: 1

Experimental research builds on the principles of _____ approach more directly than do the other research techniques.

Select the correct option

Interpretivist

Positivist

Subjectivist

None of the given options

Question # 10 of 10 (Start time: 11:03:50 AM, 10 February 2021)

Total Marks: 1

A census taker often collects data through which of the following?

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input type="radio"/> | Standardized tests |
| <input type="radio"/> | Interviews |
| <input checked="" type="radio"/> | Secondary data |
| <input type="radio"/> | Observations |

Click to Give Answer & Move to Next Question

_____ variable(s) should be changed at a time when conducting a single-case design.

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

- 4
- 3
- 2
- 1



Which of the following is more operational with the help of coding system?

Select the correct option

External Appearance

Count Behaviors

Time Duration

Content analysis



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Which of the following is the process of marking segments of data with symbols, descriptive words or category?

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

- Concurring
- Coding
- Coloring
- Segmenting



In bivariate relationship, if an alternative explanation explains a relationship, then relationship is;

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Select the correct option

- Spurious
- Factual
- Controlled
- None of the given options

Which of the following term refers to a statistical method that can be used to statistically equate groups on a pretest or some other variable?

Select the correct option

- Experimental control
- Differential influence
- Matching
- Analysis of covariance



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Threat to internal validity of an experiment arises when some subjects do not continue throughout the experiment, is referred as;

Select the correct option

- Selection Bias Effect
- Maturation Effect
- Testing Effect
- Mortality

SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)



What is the purpose of a control group?

Select the correct option

- Make the experiment easier to analyze
- Show the value of the dependent variable when the independent variable is not being manipulated
- To be able to better evaluate the effect of the independent variable
- To control all variables



SHAHID 0306-7099313 (STA630) Quiz # 3 (2021,2020)

Which of the following can be referred as semantic analysis?

Select the correct option

Latent Coding

Accretion

Count Behaviors

Intensity