

STA630 Research Method

Online Quiz

Time Left 89 sec(s)

Quiz Start Time: 12:49 PM

Question # 1 of 15 (Start time: 12:49:16 PM)

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.
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Time Left 88 sec(s)

Quiz Start Time: 12:49 PM

Question # 2 of 15 (Start time: 12:49:54 PM)

Total Marks: 1

The most difficult sources to locate are;

Select correct option:

- Dissertations(I select this)
- Policy Reports and Presented Papers
- Government Documents
- Scholarly Books
-

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Time Left 88 sec(s)

Quiz Start Time: 12:49 PM

Question # 3 of 15 (Start time: 12:50:17 PM)

Total Marks: 1

What is the variable called that a researcher manipulates in an experiment?

▶ Select correct option:

- Dependent variable
- Independent variable (I select this)
- Extraneous variable
- None of the given options

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Time Left 88 sec(s)

Quiz Start Time: 12:49 PM

Question # 4 of 15 (Start time: 12:50:46 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 (Correct)
- Logics and arguments

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Quiz Start Time: 12:49 PM

Question # 5 of 15 (Start time: 12:51:18 PM)


Total Marks: 1

What research is?

▶ Select correct option:

- A lab experiment
- A report
- A systematic Enquiry ((Correct))
- A procedure

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sec(s)

Quiz Start Time: 12:49 PM

Question # 6 of 15 (Start time: 12:51:43 PM)


Total Marks: 1

The independent variable is;

▶ Select correct option:

- The variable manipulated in order to observe its effects (Correct)
- The variable that is measured
- The free spirited variable
- A confounding variable

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sec(s)

Quiz Start Time: 12:49 PM

Question # 7 of 15 (Start time: 12:52:15 PM)

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. (Correct)

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Quiz Start Time: 12:49 PM

Question # 8 of 15 (Start time: 12:53:34 PM)

Total Marks: 1

Under which of the following research method is not applicable?

▶ Select correct option:

- Health care
- Business
- Government offices
- Imaginary worlds(Correct)

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Quiz Start Time: 12:49 PM

Question # 9 of 15 (Start time: 12:53:53 PM)

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. (I select this)
- Students using laptops will do well.

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Quiz Start Time: 12:49 PM

Question # 10 of 15 (Start time: 12:54:57 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. (I select this)

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Quiz Start Time: 12:49 PM

Question # 11 of 15 (Start time: 12:56:20 PM)

Total Marks: 1

The application of the scientific method to the study of business problems is called;

Select correct option:

Inductive reasoning (I select this)

- Deductive reasoning
- Business research
- Grounded theory

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Quiz Start Time: 12:49 PM

Question # 12 of 15 (Start time: 12:57:40 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. (I select this)
- They are primary sources.

They avoid reporting statistical data so one can interpret the results more easily.

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Quiz Start Time: 12:49 PM

Question # 13 of 15 (Start time: 12:58:13 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 (Correct)
- Summary of the data

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Quiz Start Time: 12:49 PM

Question # 14 of 15 (Start time: 12:58:39 PM)

Total Marks: 1

A one tailed hypothesis predicts-----

▶ Select correct option:

- The future
- The lottery result
- The frequency of the effect (I select this)
- The direction of the effect

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Quiz Start Time: 12:49 PM


Question # 15 of 15 (Start time: 12:59:01 PM)

Total Marks: 1

▶ What is an hypothesis?

Select correct option:

-
- A prediction of a relationship between certain variables. (Correct)
- An experiment that tests certain predictions.
- An independent variable.
- A dependent variable.

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