

Composed & Solved
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FINAL TERM EXAMINATION

Spring 2010

STA630- Research Methods (Session - 3)

Marks: 91

Solved and Attempt By

Hafiz Salman Majeed

11 Feb 2011

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

Which of the following is NOT an example of a problem with using social 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.

REFERENCE:

An advantage of social survey research is that the researcher can ensure that the anonymity of the respondent is maintained by administering the same questions to each individual

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

Which one is not the part of non reactive research?

Physical traces

Archives

Observations

Interviews

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

Which of the following is that element or set of elements considered for selection in some stage of sampling?

Parameter

Sampling Unit

PG 89

Observation Unit

Statistic

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

Which of the following sampling method is the best way to select a group of people for a study if you are interested in making statements about the larger population?

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Convenience sampling
Quota sampling
Purposive sampling
Random sampling

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

Which of the following is referred to as the influence of a single independent variable?

Interaction effect
Reactive effect
Main effect
Proactive effect

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

Which of the following is NOT a necessary step in conducting experimental research?

- ▶ Manipulation of an independent variable
- ▶ Selection of measuring instruments
- ▶ Creating a hypothesis stating a causal relationship between variables
- ▶ **Dividing the sample into subgroups to control for extraneous variables**

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

Historians organize evidence usually in:

- ▶ Comparative form
- ▶ **Narrative form** PG 150
- ▶ Logical form
- ▶ Critical form

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

Which of the following sampling is least reliable but normally the cheapest and easiest to conduct?

- ▶ Purposive Sampling
- ▶ Snowball Sampling
- ▶ **Convenience Sampling** PG 90
- ▶ Quota Sampling

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

All of the following are stages in the selection of a sample EXCEPT:

- ▶ Determine sample size
- ▶ **Analyze data**
- ▶ Conduct fieldwork

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- ▶ Select a sampling frame

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

Which section of a report gives a summary of the contents, including the purpose, description of the participants, the results, and any conclusions being offered?

- ▶ Methodology
- ▶ Introduction
- ▶ **Abstract**
- ▶ Letter of transmittal

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

Theoretical framework helps to:

- ▶ Deduce the hypothesis
- ▶ Reject the hypothesis
- ▶ **Test the hypothesis**
- ▶ Accept the hypothesis

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

Obtaining secondary data is typically _____ and _____ expensive than obtaining primary data.

- ▶ Faster; more
- ▶ Slower; more
- ▶ **Faster; less**
- ▶ Slower; less

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

An interview conducted by a trained moderator among a small group of respondents in an unstructured and natural manner is a _____.

- ▶ Depth interview
- ▶ **Focus group**
- ▶ Case study
- ▶ None of the given options

Question No: 14 (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

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

The person who leads a focus group discussion is called a _____.

- ▶ Anchor
- ▶ Facilitator
- ▶ **Moderator**
- ▶ Recorder

Question No: 16 (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: 17 (Marks: 1) - Please choose one

All of the following are unethical issues, EXCEPT:

- ▶ Invoicing irregularities
- ▶ Avoiding legal liability
- ▶ Misrepresenting results
- ▶ **Seeking permission for entry**

Question No: 18 (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.
- ▶ 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: 19 (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.

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

Which of the following functions is performed by the Nominal scale?

- ▶ **Categorize**
- ▶ Distance
- ▶ Order
- ▶ Unique origin

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

Categorical measures are forms of measurement classified as;

- ▶ Measures that reflect quantitative differences.
- ▶ **Measures that reflect qualitative differences.**
- ▶ Measures that do not require mutual exclusivity or exhaustiveness when devising a measuring system.
- ▶ Rationale measures.

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

The best single-subject design to use, when it would be unethical to discontinue treatment indefinitely, would likely be:

- ▶ **A-B-A-B**
- ▶ A-B
- ▶ A-B-A
- ▶ Quasi-experimental

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

Which of the following is an advantage of focus group interviews?

- ▶ **Provide multiple perspectives**
- ▶ Low degree of scrutiny
- ▶ Inexpensive
- ▶ Easy to use for sensitive topics

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

Constructing a detailed moderator's outline for use during the focus group interviews involves extensive discussions among the _____, _____, and _____.

- ▶ Researcher; moderator; and respondents
- ▶ **Researcher; client; moderator**
- ▶ Researcher; client; respondent
- ▶ Client; respondent; moderator

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

A correlation coefficient of -0.45 is generally considered to be;

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No correlation
Low
Moderate
High

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

What is a researcher doing when he removes the variance explained by one variable in order to understand the correlation between two other variables?

Statistical significance
Attenuation
Controlling for the variable
Multiple regression research

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

Which of the following describes the nature of qualitative data interpretation?

Reflection
Integrative
Explanatory
All of the given options

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

Which one of the following Test helps in the proper sequence of the questions as wording, translation, coding and structuring?

Test Run
Pre Test
Post Hoc Test
T- Test

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

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

Age
Annual income
Grade point average
Religion

Question No: 30 (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.

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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: 31 (Marks: 1) - Please choose one

Which one of the following refers to making inferences pertinent to the meaning and implications of the research investigation?

- ▶ **Interpretation**
- ▶ Conclusions
- ▶ Analysis
- ▶ Reporting

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

What is an example of a true experimental design?

- ▶ **Pretest posttest control group design**
- ▶ Non equivalent control group design
- ▶ One-shot case study design
- ▶ One- group pretest posttest design

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

When salespeople are tested one year after a sales training program and perform better on the exam, not because of the training program, but because they have gained one year's experience in sales, this is an example of a:

- ▶ Selection effect
- ▶ **Maturation effect**
- ▶ History effect
- ▶ Cohort effect

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

_____ are the most important qualitative research procedure.

- ▶ **Focus groups**
- ▶ Depth interviews
- ▶ Case study
- ▶ All of the given options

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

Following are the properties of nominal scale, except;

Least powerful
Suggest no order
Provide categorical information

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Provide magnitude of object

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

Which of the following is the process of identifying and classifying each item and giving labels to each category?

Accretion

Count Behaviors

Intensity

Coding

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

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

If an organisation has 12,000 employees and the researcher is able to interview 250 the probability of inclusion in the sample is?

a) 1 in 96.

b) 1 in 20.

c) 1 in 48.

d) 1 in 250.

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

If variables a and b are highly correlated, then

there is a strong relationship between a and b .

a causes b .

b causes a .

there is no relationship between a and b .

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

In a study of the relationship between self-concept and resilience for males and for females, the minimal acceptable sample size for the whole study would be

10

30

60

90

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Question No: 41 (Marks: 1) - Please choose one

Which section of a research report sets the stage for the report and indicates where in the report each component, tables, and figures can be found?

Preliminary pages

Table of contents

Main body

Appendices

Question No: 42 (Marks: 1) - Please choose one

Which of the following is the most commonly used method for estimating the reliability of observations?

Test-retest

Equivalent forms

Internal consistency

Interobserver agreement

Question No: 43 (Marks: 1) - Please choose one

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 No: 44 (Marks: 1) - Please choose one

Which of the following is an excellent way to enhance the validity of observational and interview data collection?

Spend an extended period of time in the field.

Obtain participant trust.

Recognize your own biases.

All of the above.

Question No: 45 (Marks: 1) - Please choose one

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 correct option:

Scale

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Unidimensionality
Weighting

Question No: 46 (Marks: 1) - Please choose one

Which type of research address major societal change?
Select correct option:

Experimental Research
Action Research
Social Research
Historical Comparative Research

Question No: 47 (Marks: 1) - Please choose one

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

Question No: 48 (Marks: 1) - Please choose one

Which of the following can be referred as a Reputational sampling?
Select correct option:

Purposive Sampling
Quota Sampling
Convenience Sampling
Snowball Sampling

Question No: 49 (Marks: 1) - Please choose one

In which of the following sampling methods People are available such as volunteer or can be easily recruited?
Select correct option:

Simple random sampling
Cluster sampling
Systematic sampling
Convenience sampling

Question No: 50 (Marks: 1) - Please choose one

Which of the following can be referred as semantic analysis?

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Select correct option:

Latent Coding

Accretion
Count Behaviors
Intensity

Question No: 51 (Marks: 1) - Please choose one

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.

Question No: 52 (Marks: 1) - Please choose one

Which of the following group that does not receive the experimental treatment condition?

Select correct option:

Experimental group

Control group

Treatment group

Independent group

Question No: 53 (Marks: 1) - Please choose one

What is opposite of a variable?

Select correct option:

A constant

An extraneous variable

A dependent variable

A data set

Question No: 54 (Marks: 1) - Please choose one

Which of the following is a measure of inflation?

Select correct option:

Scale

Consumer price index

Weighting

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Unidimensionality

Question No: 55 (Marks: 1) - Please choose one

Which one of the following is newer method of survey?

Mail survey

E-mail Survey

Field Survey

Question No: 56 (Marks: 1) - Please choose one

Exploratory, descriptive and explanatory Research are the classifications of research on the basis of:

Select correct option:

Use of the research

Time dimension

Techniques used

Purpose of the research

Question No: 57 (Marks: 1) - Please choose one

In which of the following nonrandom sampling techniques does the researcher ask the research participants to identify other potential research participants?

Select correct option:

Snowball

Convenience

Purposive

Quota

5 MCQS I remember but not Proper Statement

Question No: 63 (Marks: 3)

What is the difference between unidimensionality and weighting?

Question No: 64 (Marks: 3)

Explain how inferences of non reactive with secondary survey data?

Question No: 65 (Marks: 3)

Enlist the Appended Parts of report?

Question No: 66 (Marks: 5)

Briefly describe the type of observation you would use, the field notes you would develop, and some general principles you would follow to ensure successful data

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collection.

Question No: 67 (Marks: 5)

For the perspective “Historical Comparative Research” discusses how it changes the society by giving examples?

Question No: 66 (Marks: 5)

Write down 5 Questions that you observe while data collecting tools?

Question No: 66 (Marks: 5)

Briefly explain how researcher make selection of successful appropriate sample design?

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