11 paper in one file

MIDTERM EXAMINATION

Spring 2010

STA630- Research Methods (Session - 4)

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

Research can help in the following ways for developing methodologies, EXCEPT;

► Tools of data collection

► New technique for gathering data

► Defining a problem

► Data analysis

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

Which of the folowing is the basis of the Scientific Method?

► To test hypothesis in conditions that is conducive to its success.

► To formulate a research problem and disprove the hypothesis.

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

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

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

Research method is applicable in all of the following fields, Except.

► Health care

► Business

► Government offices

Muhammad Ibrar

► Religion

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

Which of the following BEST describes quantitative research?

► The collection of non numerical data

► An attempt to confirm the research's hypotheses

► Research that is exploratory

► Research that attempts to generate a new theory

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

Which of the following is the definition of an independent variable?

► A variable that is manipulated or controlled by the experimenter.

► A response variable.

► The behavioural measure made by the experimenter.

► A dependent variable that is controlled by the experimenter.

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

Why do you need to review the existing literature?

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

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

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

► To help in your general study.

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

A literature review should be characterized by all of the following, EXCEPT;

► Summarize and report each article.

► Use important topics as the organizing structure of the review.

Muhammad Ibrar

► Analyze all articles for similarities and differences related to major topics.

► Discuss implications relative to the research problem.

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

Which of the following functions is performed by theoretical framework?

► Elaborates the relationship among the variables.

► Explains the logic underlying these relationships.

► Describes the nature, and direction of the relationships.

► All of the given options.

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

When there is a need of generating new ideas for hypotheses or to interpret the results of some research, which one is the best research deign?

► Experiment

► Surveys

► **Focus group discussion**

► Communication analysis

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

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

► Any clause which limits the length of a questionnaire.

► Any clause which allows the company to comment on findings that will be published.

► Any clause which increases the level of access for the researcher.

► Any clause which guarantees the anonymity of research participants.

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

Which of the following is an example of deception in business research?

Muhammad Ibrar

► The obtaining of company material without permission.

► The researcher wearing a disguise during an observation.

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

► The researcher failing to ask permission to interview someone.

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

All of the following are part of the ethics code for animal research, **except;**

► The researcher must be an expert about the species being studied.

► Procedures using reinforcement are preferred over those using punishment.

► Animal studies that are purely educational in purpose cannot be done.

► If the animal must be killed at the end of the study, a painless procedure must be used.

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

Which of the following is not an example of deception?

► A part of the truth is not communicated to the respondent.

► To observe code of ethics.

► To leak out information regarding any confidential matter.

► To create bias between respondents before the survey.

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

Which of the following BEST describes an assessment that examines students' ability to conduct a chemistry experiment in the lab?

► Aptitude

► Interest inventory

► Performance assessment

► Standardized test

Muhammad Ibrar

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

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

► It forces you to think through every aspect of a study.

► It provides detailed procedures to guide the conduct of the study.

► It provides clear roadmap of the study.

► Writing a plan facilitates the evaluation of it.

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

Which of the following surveys are more impersonal than face-to-face interviews?

► Mail

► Recorded Interview

► Focus group

► Telephonic

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

All of the following are the characteristics of scientific methods of research, **EXCEPT;**

► Cumulative

► Deterministic

► Unethical

► Rationalism

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

Which of the following is **NOT** the feature of theoretical framework?

► Make an inventory of variables

► Statistical analysis

► Specify the direction of relationship

Muhammad Ibrar

► Make an inventory of propositions

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

Which of the following study requires the collection of data at one point in time from a large number of respondents?

► Case study

► Cross-sectional study

► All of the given options

► Longitudinal study

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

Which of the following is NOT the goal of the explanatory research?

► Testing theory

► Establishing the relationship between different phenomenon

► Generating new ideas about the topic

► Replicating a theory to a new area

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

Basic research can also be called as

► Practical research

► Fundamental Research

► Action research

► Assessment research

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

Descriptive hypothesis is also called:

► Directional Hypothesis

Muhammad Ibrar

► Univariate Hypothesis

► Non directional Hypothesis

► All of the given options

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

Logical argument of the researcher can be based on:

► Personal experience

► Literature review

► Arm chair thinking

► All of the given options

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

Rationalism is the application of which of the following?

► Research solution

► Logic and arguments

► Intuition

► Previous findings

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

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

► Hypotheses are very specific and stated prior to beginning the study.

► Hypotheses are never used.

► Hypotheses are often generated as the data are collected, interpreted, and analyzed.

► Hypotheses are deductively tested

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

Muhammad Ibrar

_____are more specific that dimensions:

► Elements

► Variables

► Aspects of variables

► Concepts

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

Which of the following is an indicator of the job stress?

► **Competitive pay**

► Role conflict

► Fair policies

► None of the given options

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

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

► All of the given options

► Distance

► Order

► Unique origin

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

Which of the following effect in internal validity occurs when test units with extreme scores are used.

► Statistical regression

► Selection Bias

► Maturation

► Instrumentation

Muhammad Ibrar

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

The design where we have no control over the variables and report only what has happened or what is happening is called_____

► Research design

► Contrived design

► Ex-post-facto design

► Explanatory design

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

Which of the following disadvantage of personal interview can be overcome by rapport building?

► Cost

► Lack of anonymity of the respondents

► Scarcity of highly trained interviewers

► Callbacks

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

Large number of respondents are best interviewed in a (an)_____ way

► Unstructured

► Structured

► Semi structured

► Open ended

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

Which one of these is an interviewer-administered questionnaire?

► Postal questionnaire

► Delivery and collection questionnaire

Muhammad Ibrar

► Telephone questionnaire

► On-line questionnaire

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

One of the disadvantages of the internet survey is:

► All people cannot participate

► Slow data collection speed

► Less anonymity

► High cost

Question No: 35 (Marks: 3)

Why preliminary notification is essential in self administered questionnaire?

Question No: 36 (Marks: 5)

A research was conducted by education department to see the impact of strict teaching practices on the rate of failure among the students.

Identify dependent and independent variables. (1)

Classify this research according to purpose of doing research; exploratory, descriptive or explanatory. Explain your choice.(2)

Classify this research according to use of research; Basic or Applied. Explain your choice.(2)

Question No: 37 (Marks: 5)

"Because literature survey is a time-consuming exercise, a good in-depth interview will be sufficient to develop a theoretical framework". Discuss this statement.

Muhammad Ibrar

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

Who, among the following, is the writer of Business Research Methods?

► Neuman, W.C.

► Zikmund, W.

► Sekaran, U.

► Dessler, G.

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

Which of the folowing is the basis of the Scientific Method?

► To test hypothesis in conditions that is conducive to its success.

► To formulate a research problem and disprove the hypothesis.

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

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

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

The action research method is depicting as a strengthening process because;

► Data collection continues throughout data analysis.

► The results are analyzed and used by other researchers to conduct additional investigations of the topic.

► The action researcher continues to study other topics of interest after the initial study is completed.

► The process continues even after the data are collected and analyzed, and actions are taken based on findings.

► Data collection continues throughout data analysis.

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

Quantitative researcher's pre-occupation with generalization is an attempt to:

► Develop the law like findings of the natural sciences.

► Boost their chances of publication.

► Enhance the internal validity of their research.

Muhammad Ikrar

► Demonstrate the complex techniques of statistical analysis.

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

"Income distribution of employees" in a specific organization is an example of which type of variable?

► Discontinuous variable

► Dependent variable

► **Continuous variable**

► Independent variable

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

Hypothesis test may also be called as:

► Informal test

► Moderating test

► Significance test

► **t-test**

Significance test

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

A formal statement of the research question or "purpose of research study" generally:

► Is made prior to the literature review

► Is made after the literature review

► Will help guide the research process

► Is made before or after literature review

http://www.southalabama.edu/coe/bset/johnson/mcq/mc3.htm

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

Muhammad Ibrar

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

► Any clause which limits the length of a questionnaire.

► Any clause which allows the company to comment on findings that will be published.

► Any clause which increases the level of access for the researcher.

► Any clause which guarantees the anonymity of research participants.

Question No: 9 (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.

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

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

Which of the following BEST describes an assessment that examines students' ability to conduct a chemistry experiment in the lab?

► Aptitude

► Interest inventory

► Performance assessment

► Standardized test

► Aptitude

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

Muhammad Ibrar

One of the preoccupations of quantitative researchers is with generalization, which is a sign of:

► **External validity**

► Internal reliability

► External reliability

► Internal validity

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

A study design in which the researcher might create_____ to establish cause-and-effect relationship is called Experimental Design.

► **An artificial setting, control some variables and manipulates the independent variable**

► A natural setting, control some variables and manipulates the dependent variables

► An artificial setting, control some variables and manipulates the dependent variable

► All of the given options

► An artificial setting, control some variables and manipulates the independent variable

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

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

► Developmental surveys

► **Followup studies**

► Public opinion polls

► No survey research is appropriate

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

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

Muhammad Ibrar

► Copy responses and paste them again.

► Abandon the research project entirely.

► Recognize and accept the possible limitations of a low response rate.

► Fill in some more questionnaires themselves.

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

Which of the following characteristic of the scientific method is defined as the confirmation or refutation of the observation through the scientific method by using sensory experience?

► Empirical

► Verifiable

► Observable

► Cumulative

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

Which of the following study requires the collection of data at one point in time from a large number of respondents?

► Case study

► Cross-sectional study

► All of the given options

► Longitudinal study

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

Basic research can also be called as

► Practical research

► Fundamental Research

► Action research

Muhammad Ibrar

► Assessment research

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

Methodological reviews can be best explained as:

► Evaluation of the previous research methodologies used by the researchers page 27

► Assessment of the models built by the previous researchers

► Reviewing the review in the systematic manner

► Studying the specific context under study

► Evaluation of the previous research methodologies used by the researchers

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

The review that presents the current state of knowledge by combining different reports is called:

► Self study review

► Theoretical review

► Systematic review

► **Integrative review**

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

The best method to narrow down a topic is to:

► Develop theoretical framework

► **Review literature**

► Test a hypothesis

► Conduct a survey

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

Muhammad Ibrar

Which of the following is not the part of the funded research proposal?

► Research strategies

► Significance of the research

► Research Team

► Theoretical framework

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

Why should we study research for our degree requirement?

► Because we live in a society that is driven by research.

► To improve our critical thinking skills.

► To learn how to critically evaluate published research.

► **All of the given options**

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

Which of the following is elaborative exploratory pilot study?

► Focus group discussion 7 page

► Literature review

► Document analysis

► Survey

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

Which of the following is true for field experiment?

► It is difficult to control the external factors to research

► It is possible to establish perfect cause and effect relationship

► Survey method is not appropriate

► It is similar to lab experiment

Muhammad Ibrar

► It is possible to establish perfect cause and effect relationship

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

Which of the following is the BEST hypothesis?

► Students taking formative quizzes will perform better on exams at the end of the chapter than students not taking these quizzes.

► Taller students will have higher test scores than shorter students.

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

► Students using laptops will do well.

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

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

'There is no relationship between motivation level and efficiency' is an example of which type of hypothesis?

► Alternative

► Correlational

► Null

► Research

► Null

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

Which of the following is not a characteristic of the operational definition?

► It divides a concept into the empirical measures

► It translates a broad phenomenon into specific concepts page 18

► It delineates the antecedents of the concept being operationalized

Muhammad Ibrar

► It provides the working definition of the concept

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

Which of the following types of scales is likely measuring students' deeply held beliefs about ideas, people, or objects?

► The Study of Values

► The Attitudes toward School Scale

► The Strong Campbell Interest Inventory

► The Minnesota Multiphasic Personality Inventory

► The Attitudes toward School Scale

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

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

► When internal validity is high, external validity is low

► When internal validity is high, there is no change in external validity

► When internal validity is high, external validity is also high

► All of the given options

► All of the given options

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

Large number of respondents are best interviewed in a (an)_____ way

► Unstructured

► Structured

► Semi structured

► Open ended

Open ended

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

Muhammad Ibrar

Different factors affect the outcome of survey. In a study using a self completion questionnaire, which of the following would probably NOT affect the outcome?

► **Interviewer training**

► Sample size

► Incentive quality

► Question wording

► Interviewer training

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

The response rate of the internet survey can be increased due to:

► Personality of the researcher

► **Maximum number of the questions 76 page**

► Sponsoring agency

► All of the given options

► Maximum number of the questions

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

Which of the following hypothesis is a descriptive one?

► What is the level of commitment of the officers in your organization?

► What is the effect of organizational commitment on officer's productivity?

► What are the factors that affect commitment of the officers?

► All of the given options.

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

Which of the following does not represent the characteristic of a good quantitative problem statement?

Muhammad Ibrar

► Specifies the relationship between variables that the researcher expects to find.

► Defines the independent and dependent variables.

► Conveys a sense of emerging design.

► Specifies a research hypothesis to be tested.

► Specifies the relationship between variables that the researcher expects to find.

Question No: 35 (Marks: 3)

What is the primary difference between test/retest and internal consistency?

Question No: 36 (Marks: 5)

Researchers interviewed a group of people in a specific room. They were told that only their interaction with each other and their point of views on a specific issue are being studied but in fact high frequency sound waves were passed through that room and their effect on human behavior was being observed.

Answer the following questions:

Is it an act of deception? Give reason for your choice.

Do you think it was necessary to deceive the respondent in this experiment?

What can the researcher do after the completion of research to rectify the damage done to the respondents?

Question No: 37 (Marks: 5)

What is personal interviewing, how it can be conducted and at which places?

Muhammad Ibrar

MIDTERM EXAMINATION
Fall 2009
STA630- Research Methods

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

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

► Zikmund, W.
► **Sekaran, U.**
► Dessler, G.

► Neuman, W.C.

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

What does an empiricist believe?

► All the knowledge that we have of life after death can be used in research.

► **Knowledge in the form of 'facts' should be gained through sensory experience.**

► Research conducted within the British Empire was biased and unreliable.

► Research should not always necessarily rely on the scientific methods.

Reference:

How do we actually know the things we know? People told us some of them, we read about some of them and others we saw, or felt for ourselves. This is at the heart of empiricism - we acquire knowledge through our sensory perceptions. It follows that the empiricist approach to research is to gather information through observation of the 'real' world and let theory emerge as a kind of conclusion. We should not start out with a theory, an empiricist might say, and find facts which seem to suit. Now, although this discussion might seem a bit too philosophical for some and consequently, a bit esoteric, most social research depends on 'empirical' data. What this means is that most research studies include quite a bit of primary data gathering and are not just limited to musing about what others have said.

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

Action research usually takes place in a single school because;

► **It is designed to answer questions about improving practice in a particular setting.**

► It is difficult to secure permission to study students in multiple schools.

► Teachers do not have the necessary skills to conduct research across multiple settings.

► Data collection methods used in action research are designed for single settings.

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

Which of the following is characteristic of action research?

► Variables are tightly controlled.

► Results are generalizable.

► Results demonstrate cause-and-effect relationships.

► Data are usually qualitative.

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

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

► It asks a question about some process, or phenomenon to be explored.

► It is generally an open-ended question.

► It asks a question which may be open ended.

► It asks a closed ended question.

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

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

Muhammad Nihar

► Age
► Grade point average
► Gender
► Motivation

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

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

► Variable
► Method
► Constant
► Control group

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

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

► Moderating variable
► Independent variable
► Categorical variable
► Dependent variable

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

Which of the following statements best defines hypothesis?

► A quantitative study.
► A tentative prediction of the results of the research.
► A qualitative research design.
► The operational definition of the study.

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

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

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

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

Hypothesis test may also be called as:

► Informal test
► Moderating test
► Significance test
► t-test

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

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

► Integrative review
► Theoretical review
► Self-study review
► Historical review

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

Muhammad Ibrar

Which one of the following tasks is **NOT** accomplished by theoretical framework?
► Elaborate the relationship among the variables
► Explain the logic underlying the relationship between the variables.
► Describe the nature, and direction of the relationships among the variables.
► Relates the previous studies.

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

Which of the following strategies is useful when defining a particular research question?
► To clearly articulate the research question, to provide operational, definitions and ensuring its testability.
► To clearly articulate the research question, outlining the conditions in which the phenomena of interest are to be investigated.
► To provide operational definitions of the ideas or concepts involved in the research.
► Ensuring that their research question is empirically testable.

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

What should the business researcher be aware of when signing a confidentiality agreement?
► Any clause which limits the length of a questionnaire.
► Any clause which allows the company to comment on findings that will be published.
► Any clause which increases the level of access for the researcher.
► Any clause which guarantees the anonymity of research participants.

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

In a study of concept learning in first-graders, all of the following should happen, **except;**
► To help make the experience enjoyable, children should be given substantial incentives to participate.
► The children should be asked if they want to participate.
► Teachers of the children in their classes should give informed consent.
► Parents must give consent.

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

Which of the following is least likely to occur as an ethical problem with electronic research?
► Privacy could be invaded.
► People are not likely to be able to stop once they have begun participating.
► Debriefing could be avoided.
► Informed consent cannot be completely monitored.

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

Quantitative research has been criticised because:
► The reliance on instruments and procedures makes it high in ecological validity.
► The measurement process suggests a spurious and artificial sense of accuracy.
► It underestimates the similarities between objects in the natural and social worlds.

Muhammad Ibrar

► It has no validity.

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

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

► The administration of the test is controlled carefully to ensure that all examinees experience the same conditions.

► The test is developed by experts to ensure it is technically sound.

► The scores are interpreted in standard ways.

► All of the given options

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

Mr. Latif is measuring students' attitudes on a controversial topic. Which of the following would you recommend he use to control for the potential problem of students feeling the need to respond with socially acceptable responses?

► Ensure construct validity

► Allow anonymous responses

► Ensure reliability

► Ensure confidentiality

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

Which of the following scales can measure the Temperature?

► Nominal scale

► Ordinal scale

► Interval scale

► All of the given options

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

Following are the properties of nominal scale, **except;**

► Least powerful

► Suggest no order

► Provide categorical information

► Provide magnitude of object

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

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

► Characteristics of nominal scale

► Rank the object

► Does not provide magnitude of object

► Provide rate

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

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

► When internal validity is high, external validity is low

► When internal validity is high, there is no change in external validity

► When internal validity is high, external validity is also high

► All of the given options

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

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

► Internal

► External

Muhammad Ibrar

► Causal
► Construct

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

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

► Qualitative
► Ethical
► Both quantitative and qualitative
► Quantitative

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

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

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

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

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

► Transportation
► Individuals
► Pollutants
► Drugs

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

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

► Individual
► Dyad
► Employer-employee
► Organization

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

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

► Developmental surveys
► Followup studies
► Public opinion polls
► No survey research is appropriate

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

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

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

Muhammad librar

Question No: 32 (Marks: 1) - Please choose one
What should the researcher do if they have achieved a low response rate?
► Copy responses and paste them again.
► Abandon the research project entirely.
► Recognize and accept the possible limitations of a low response rate.
► Fill in some more questionnaires themselves.
Question No: 33 (Marks: 1) - Please choose one
Which of the following statements is correct about questionnaire?
► A questionnaire should run to at least twenty pages.
► The questions should have no spaces between them so that the whole questionnaire looks small.
► Only questionnaires that are A3 size achieve high response rates.
► Clear presentation is more important than overall size.
Question No: 34 (Marks: 1) - Please choose one
Critical decision area in questionnaire construction is which of the following?
► Question content
► Question wording
► Response strategy
► All of the given options
Question No: 35 (Marks: 1) - Please choose one
The most critical area of an article to read is;
► Introduction
► Abstract
► Results section
► Limitations
Question No: 36 (Marks: 1) - Please choose one
Which of the following is/are advantage(s) of the self-completed questionnaire?
► Inability to confirm who completed the questionnaire
► Its unsuitability for some kinds of respondents
► Inability to ask many questions that are not directly relevant to the respondent
► Easy to justify the answer
Question No: 37 (Marks: 1) - Please choose one
Time consumed in mall intercept interview is representing which of the following type?
► High
► Moderate
► Low
► Nill
Question No: 38 (Marks: 1) - Please choose one
Which of the following similarity is found in Qualitative research and Survey research?
► Examine topics primarily from the participants' perspectives.
► They are guided by predetermined variables to study.
► They are descriptive research methods.
► Have large sample sizes.
Question No: 39 (Marks: 1) - Please choose one

Muhammad Ibrar

Which of the following represent a good qualitative problem statement?
► Defines the independent and dependent variables.
► conveys a sense of emerging design.
► Specifies a research hypothesis to be tested.
► Specifies the relationship between variables that the researcher expects to find.

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

Which of the following makes research questions very crucial?
► Guide your decisions about what data to collect and from where.
► Help you decide which research area interests you.
► Ensure that your findings have external validity.
► Prevent you from thinking about research strategies.

Question No: 41 (Marks: 10)

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

MIDTERM EXAMINATION

Fall 2009

STA630- Research Methods (Session - 4)

Time: 60 min

Marks: 50

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

Under which of the following, research method is not applicable?

► Business

► Government offices

► **Imaginary worlds**

► Health care

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

An inductive logic is one that:

►Involves testing as explicitly defined hypothesis.

►**Does not allow for findings to feed back into the body of knowledge.**

►Uses quantitative methods whenever possible.

Muhammad librar

►Allows theory to emerge out of the data.

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

Action research usually takes place in a single school because;

►**It is designed to answer questions about improving practice in a particular setting.**

►It is difficult to secure permission to study students in multiple schools.

►Teachers do not have the necessary skills to conduct research across multiple settings.

►Data collection methods used in action research are designed for single settings.

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

Which of the following terms is NOT characteristic of action research?

►Collaboration

►Control

►Change

►**Commitment**

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

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

►It asks a question about some process, or phenomenon to be explored.

►**It is generally an open-ended question.**

►It asks a question which may be open ended.

►It asks a closed ended question.

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

Muhammad Ibrar

All of the following are true about theories, **except:**

►They organize and summarize existing knowledge about a topic.

►**They are tentative until the facts prove them true.**

►They provide possible explanations for the phenomenon under study.

►They lead to testable hypotheses through the process of deduction.

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

Which of the following refers to"A condition or characteristic that can take on different values or categories"?

►A constanttable

MIDTERM EXAMINATION
Fall 2009
STA630- Research Methods (Session – 5)

Time: 60 min
Marks: 50

Question No: 1 (Marks: 1) - Please choose one
Who, among the following, is the writer of Business Research Methods?
► Neuman, W.C.
► Zikmund, W.
► **Sekaran, U.**
► Dessler, G.

Question No: 2 (Marks: 1) - Please choose one
Which of the comparati is not the objective of a research for a student of research methods course?
► Conducting research by following certain steps
► Preparing methodologies
► Ability to convert problem into researchable question
► **Writing a book**

Question No: 3 (Marks: 1) - Please choose one
An inductive logic is one that:
► Involves testing as explicitly defined hypothesis.
► Does not allow for findings to feed back into the body of knowledge.
► Uses quantitative methods whenever possible.

Muhammad librar

► **Allows theory to emerge out of the data.**

The usual application of inductive theory, however, is to allow theory to emerge from our findings. We find an interesting question, we gather data on it and we 'theorise' from our findings. It may be that these 'theories' are, in reality, simply 'interesting insights' rather than 'grand theories' but they can be valuable for all that. The methods used are "neither here nor there" although it may be more likely for deductive theory to use quantitative methods and for inductive approaches to use qualitative methods.

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

Action research usually takes place in a single school because;

► **It is designed to answer questions about improving practice in a particular setting.**

► It is difficult to secure permission to study students in multiple schools.

► Teachers do not have the necessary skills to conduct research across multiple settings.

► Data collection methods used in action research are designed for single settings.

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

'There is no relationship between higher motivation level and higher efficiency' is an example of which type of hypothesis?

► Alternative

► Correlational

► **Null**

► Research

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

Which of the following is the meaning of the term "To read critically"?

► Skimming through the material because most of it is just padding.

► **Evaluating what you read in terms of your own research questions.**

► Being willing to criticize what you read.

► Taking an opposing point of view to the ideas and opinions expressed.

Developing a critical approach to your reading is not necessarily one of simply criticizing the work of others" (Bryman and Bell, p.97). Not all of what you read will be relevant to your task, so you must have a clear focus on your research questions as you read. Taking notes of your reactions is advised, in addition to content.

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

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

► Context review

► Integrated review

► Methodological review

Muhammad Ibrar

► **Theoretical review page # 27**

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

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

► Elaborate the relationship among the variables

► Explain the logic underlying the relationship between the variables.

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

► **Relates the previous studies.**

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

Deductive research is useful in which of the following cases?

► The researcher uses an existing theory to develop a hypothesis.

► The researcher subjects a hypothesis to empirical scrutiny.

► The researcher has to transform concepts within a hypothesis into researchable entities.

► **Use of existing theory, empirical scrutiny, transformation of concerpt.**

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

When the research starts from the effects and tracing the reasons back in time, what does it called?

► Case study

► Experiment

► Observation studies

► **Historical omparative research**

Historical review traces the development of an issue over time. It traces the development of an idea or shows how a particular issue or theory has evolved over time. Researchers conduct historical review only on the most important ideas in a field.

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

When embarking upon a research project, which of the following issues should be considered?

► That the data from the study will be treated anonymously and confidentially.

► **Coherent research question, pilot work and confidentially.**

► Pilot work should be carried out to assess the practical issues and feasibility of the research.

► That the research should be based upon a coherent research question.

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

Which of the following is **NOT** an unethical issue?

► **Seek approval for research**

► Misrepresenting results

► Avoiding legal liability

Muhammad Ibrar

► Invoicing irregularities

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

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

► To help make the experience enjoyable, children should be given substantial incentives to participate.

► **The children should be asked if they want to participate.**

► Teachers of the children in their classes should give informed consent.

► Parents must give consent.

Question No: 14 (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: 15 (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.

Measures include things like demographics (of age, income and so on), which can be counted. In fact, usually we think of measures as raw numbers. Often though, what we want to research does not lend itself immediately to straightforward calculation on numbers of things and how they vary but on slightly vaguer concepts. Like job satisfaction, for example. In this case we need a number of attitude statements, which, taken together, can be argued to represent the concept. These separate statements are indicators and often represent our 'common sense' understanding of a concept. Later, these can be coded to turn them into numbers for statistical analysis.

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

Norm-referenced test scores are interpreted relative to;

► A standard or desired level of performance that describes what the student knows.

► **Scores of others who have taken the test.**

► Specific skills mastered by the student.

► The percentage of items answered correctly.

Muhammad Ibrar

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

Which of the following BEST describes an assessment that examines students' ability to conduct a chemistry experiment in the lab?

- ► **Performance assessment**
- ► Interest inventory
- ► Aptitude
- ► Standardized test

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

Which of the following is the implication of the ordinal scale?

- ► Characteristics of nominal scale
- ► Rank the object
- ► Does not provide magnitude of object
- ► **All of the given options**

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

Ordinal levels of measurement assume which of the following?

- ► Mutual exclusivity to all cases.
- ► Exhaustiveness is applied to all cases.
- ► Categories are rank-ordered and share some underlying quality.
- ► **All of the given options**

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

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

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

- ► Inter-rater reliability
- ► Construct validity
- ► Internal validity
- ► **Test-retest reliability**

Test-Retest Reliability

Used to assess the consistency of a measure from one time to another.

Test-retest Reliability: Test-retest method of determining reliability involves administering the same scale to the same respondents at two separate times to test for stability. If the measure is stable over time, the test, administered under the same conditions each time, should obtain similar results.

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

Survey research is cross-sectional and therefore:

- ► **High in replicability but low in internal validity.**

Muhammad Librar

► High in internal validity but low in reliability.
► High in ecological validity but low in external validity.
► Low in reliability.

A survey attempts to discover the range of responses to a set of variables. The researcher can give a lot of details concerning procedures for selecting respondents, handling of the research instrument (perhaps a questionnaire) and the analysis methodology. In this way, replicability can be almost guaranteed. However, since the analysis can only pinpoint degrees of co-relation between variables, causality remains in the realm of inference, meaning low (or no) internal validity. Remember that internal validity depends on causality and reliability on replicability.

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

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

► **Qualitative**
► Ethical
► Both quantitative and qualitative
► Quantitative

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

Mr. Ali has described in great detail the major steps he will follow in conducting his study. This information is likely found in which section of his research plan?

► Introduction
► Participants
► **Methodology**
► Data Analysis

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

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

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

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

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

► Individual
► **Dyad**
► Employer-employee
► Organization

Muhammad Ibrar

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

A study design in which the researcher might create_____ to establish cause-and-effect relationship is called Experimental Design.

► **An artificial setting, control some variables and manipulates the independent variable**

► A natural setting, control some variables and manipulates the dependent variables

► An artificial setting, control some variables and manipulates the dependent variable

► All of the given options

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

Which of the following is NOT a necessary component of survey research?

► **Triangulation of data**

► Literature review

► Data analysis

► Validity

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

Which of the following typically does NOT apply to observers in survey research studies?

► They observe predetermined activities.

► They are participant observers.

► **They obtain information by watching rather than asking.**

► They must be careful not to influence the activities they observe.

Survey is a research technique in which information is gathered from a sample of people using a questionnaire.(Hand outes page no 37)

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

Which of the following kinds of survey research gathers data through questionnaires administered once to the sample?

► Longitudinal, observation

► Cross-sectional, observation

► Longitudinal, self-report

► Cross-sectional, self-report

Answer Required

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

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

► Respondents tend to answer by giving the most socially desirable answer.

► Respondents may inadvertently omit key terms in the question.

► Respondents may not give an honest reply to what they see as a threatening question.

Muhammad librar

► **Respondents may be unwilling to reveal information as they believe they are likely to be identified.**

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: 32 (Marks: 1) - Please choose one

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

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

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

When constructing a questionnaire, there are few principles to which you should adhere. Which of the following is NOT one of those principles?

► Avoid using "leading" or "loaded" questions
► Avoid double-barreled questions
► Avoid ambiguity and confusion
► **Avoid arranging questions in a sequence**

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

After you locate a source, you should write down all details of the reference, except**;**

► Volumes
► Full names of the authors
► Titles
► **Price**

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

The most critical area of an article to read is;

► Introduction
► Abstract
► **Results section**
► Limitations

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

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

► High
► Moderate
► **Low**
► Nill

Muhammad librar

MIDTERM EXAMINATION

Fall 2009

STA630- Research Methods (Session - 4)

Time: 60 min

Marks: 50

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

Under which of the following, research method is not applicable?

► Business

► Government offices

► **Imaginary worlds**

► Health care

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

An inductive logic is one that:

►Involves testing as explicitly defined hypothesis.

►**Does not allow for findings to feed back into the body of knowledge.**

►Uses quantitative methods whenever possible.

►Allows theory to emerge out of the data.

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

Action research usually takes place in a single school because;

►**It is designed to answer questions about improving practice in a particular setting.**

►It is difficult to secure permission to study students in multiple schools.

►Teachers do not have the necessary skills to conduct research across multiple settings.

►Data collection methods used in action research are designed for single settings.

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

Which of the following terms is NOT characteristic of action research?

►Collaboration

►Control

►Change

►**Commitment**

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

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

►It asks a question about some process, or phenomenon to be explored.

►**It is generally an open-ended question.**

►It asks a question which may be open ended.

►It asks a closed ended question.

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

All of the following are true about theories, **except:**

►They organize and summarize existing knowledge about a topic.

►**They are tentative until the facts prove them true.**

►They provide possible explanations for the phenomenon under study.

►They lead to testable hypotheses through the process of deduction.

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

Which of the following refers to"A condition or characteristic that can take on different values or categories"?

►A constant

►A variable

►A cause and effect relationship

►A descriptive relationship

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

Which of the following is the opposite of a variable?

►A constant

►An extraneous variable

►A dependent variable

►A data set

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

“Downsizing in an organization in future is associated with the level of job security of the present employee in an organization” is an example of which of the following?

►Correlational hypothesis

►Descriptive hypothesis

►Explanatory hypothesis

►Non Descriptive hypothesis

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

Why do you need to review the existing literature?

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

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

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

Muhammad Ibrar

► To help in your general study.

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

Which of the following functions is performed by theoretical framework?

► Elaborates the relationship among the variables.

► Explains the logic underlying these relationships.

► Describes the nature, and direction of the relationships.

► **All of the given options.**

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

Why is the statement" What are the effects of extracurricular activities on learning development of school age children" not a good statement of a quantitative research question?

► Because the study would be too difficult to do given all the different extracurricular activities.

► Because the statement was not specific enough to provide an understanding of the variables being investigated.

► **Because there are not enough school age children engaged in extracurricular activities to conduct the study.**

► Because there is no connection between extracurricular activities and learning development.

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

When the research starts from the effects and tracing the reasons back in time, what does it called?

► **Case study**

► Experiment

► Observation studies

► Historical comparitive research

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

Which of the following questions might invade the privacy of a research participant?

Muhammad Ibrar

► How long have you worked for this organisation?

► **What is your home address?**

► What do you think about your direct line manager?

► What happened during your last performance appraisal?

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

Which of the following statements would you be *least likely* to find in an informed consent form?

► Your data will be coded in a way that will protect your identity.

► This study has been approved by the university's Institutional Review Board.

► The full purpose of the study will be explained to you at the end of the session and the complete results of the study will be available to you when the study is over.

► **There is no penalty for not starting the study, but once you begin, you are obligated to complete the session.**

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

All of the following are part of the ethics code for animal research, **except;**

► The researcher must be an expert about the species being studied.

► Procedures using reinforcement are preferred over those using punishment.

► Animal studies that are purely educational in purpose cannot be done.

► **If the animal must be killed at the end of the study, a painless procedure must be used.**

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

Which of the following is not an example of deception?

► **A part of the truth is not communicated to the respondent.**

► To observe code of ethics.

► To leak out information regarding any confidential matter.

► To create bias between respondents before the survey.

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

Muhammad Ibrar

Which of the following terms represents the most general, broad concept?

► Test

► **Assessment**

► Measurement

► Instrument

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

Which of the following types of scales is likely measuring students' deeply held beliefs about ideas, people, or objects?

► The Study of Values

► **The Attitudes toward School Scale**

► The Strong Campbell Interest Inventory

► The Minnesota Multiphasic Personality Inventory

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

Which of the following BEST describes an assessment that examines students' ability to conduct a chemistry experiment in the lab?

► Performance assessment

► Interest inventory

► **Aptitude**

► Standardized test

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

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

► **Categorize**

► Distance

► Order

► Unique origin

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

Muhammad Ibrar

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

► Categorize

► Distance

► Order

► **Unique origin**

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

Which of the following is the implication of the ordinal scale?

► Characteristics of nominal scale

► Rank the object

► Does not provide magnitude of object

► **All of the given options**

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

Which one of the following is **not** a type of scales used in measurement of concepts?

► Normal Scale

► Ordinal Scale

► Interval scale

► **Ratio Scale**

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

Which of the following scales can measure the Temperature?

► Nominal scale

► Ordinal scale

► Interval scale

► **All of the given options**

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

Muhammad Ibrar

Which of the following effect in internal validity occurs when test units with extreme scores move closer to the average score during the course of the experiment.

► Statistical regression

► **Selection Bias**

► Maturation

► Instrumentation

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

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

► Internal

► **External**

► Causal

► Construct

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

Which of the following can be achieved by a longitudinal research design?

► Mapping of change in an organization.

► The change in employment relations over a number of years.

► The experiences of employees who begin work on the same day.

► **Mapping of change, change in employment relations and experiences of employees.**

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

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

► The type of data collected.

► The data-collection technique.

► The level of manipulation used to elicit data collection.

Muhammad Ibrar

► **All of the given options.**

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

Which of the following statement refers to cross-sectional design?

► **A comparison of two or more variables over a long period of time**

► The collection of data from more than one case at one moment in time

► One that is devised when the researcher is in a bad mood

► A study of one particular section of society, e.g. the middle classes

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

Which of the following is TRUE for research plan?

► It should be detailed.

► It should be given to others for review and comments.

► It sets out the rationale for a research study.

► **All of the given options**

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

The studies in which researchers do not interfere with natural environment are:

► Lab experiments

► Ex Post Facto

► Contrived

► **Field**

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

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

► Developmental surveys

► Followup studies

► **Public opinion polls**

► No survey research is appropriate

Muhammad Ibrar

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

Which of the following is **not** an advantage of the self-completion questionnaire over the structured interview?

► It is cheaper to administer.

► It is quicker to administer.

► It is easier to prompt the interviewee.

► **It is easier to remove interviewer effects.**

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

Which of the following is most beneficial to read in an article?

► **Methods**

► Introduction

► Figures

► References

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

Which of the following surveys are more impersonal than face-to-face interviews?

► Mail

► Recorded Interview

► Focus group

► **Telephonic**

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

Which of the following represent a good qualitative problem statement?

► Defines the independent and dependent variables.

► **Conveys a sense of emerging design.**

► Specifies a research hypothesis to be tested.

► Specifies the relationship between variables that the researcher expects to find.

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

Muhammad librar

Which of the following is to convince reviewers that the researcher is capable of successfully conducting the proposed research project?

► Literature review

► Research question

► **Research proposal**

► Research project

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

Which of the following is representing the responsibility of a respondent to provide true information?

► Right

► Obligation

► **Right as well as obligation**

► Neither right nor obligation

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

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

► Opinion

► Speculation

► **Empiricism**

► Rationalism

Question No: 41 (Marks: 10)

Being a researcher what techniques you would use to narrow down a broader problem into an investigable research question?

Answer:

Which Technique must use by researcher:

In my point of view researcher should use the Quantitative Research.

Quantitative Research

This research is used mostly even in social sciences, political science and in anthropology. Quantitative researchers 1st use deductive route. They start with

Muhammad Ibrar

abstract idea, follow with measurement procedure and the end with that data that finalize the ideas.

There are two type of date produced by Quantitative Research:

A) **SOFT DATA**:

Impressions, Words, Photo, Symbols show interpretive approach. The main aim of this is to develop an understanding of social life and come to know how people construct meanings in natural life.

B) HORD DATA:

It is positive approach to search in Researchers speech variables hard language and hypotheses. The researcher should try to establish causality.

Researcher to be well organized and prepared. It also means that the steps of project are not entirely predetermined but serve as an approximate guide or road map. Here is just the listing of these steps:

A proposal also very important for quantitative research has most of the parts of a research report, a title, abstract, a literature review, a method or design section, problem statement. It lacks results, discussion, and conclusions section. The proposal has a plan for the data collection and after that analysis the data. It mostly include a schedule of the steps to be undertaken and an estimate of the time required for each step.

MIDTERM EXAMINATION
Fall 2009
STA630- Research Methods

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

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

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

Google Search

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

What does an empiricist believe?

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

Reference
Page No. 05

Muhammad Nawaz Library

Two power bases of scientific knowledge:
(1) Empiricism i.e. sensory experiences or observation, and
(2) Rationalism i.e. the logical explanations for regularity and then consequent ional argumentation for making generalizations (theory).

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

Action research usually takes place in a single school because;

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

Reference:

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

Which of the following is characteristic of action research?

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

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

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

► It asks a question about some process, or phenomenon to be explored.
► It is generally an open-ended question.
► It asks a question which may be open ended.
► It asks a closed ended question.

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

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

► Age
► Grade point average
► Gender
► Motivation

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

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

► Variable
► Method
► Constant
► Control group

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

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

► Moderating variable

Muhammad Ibrar

► Independent variable
► Categorical variable
► Dependent variable

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

Which of the following statements best defines hypothesis?

► A quantitative study.
► A tentative prediction of the results of the research.
► A qualitative research design.
► The operational definition of the study.

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

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

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

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

Hypothesis test may also be called as

► Informal test
► Moderating test
► Significance test
► t-test

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

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

► Integrative review
► Theoretical review
► Self-study review
► Historical review

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

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

► Elaborate the relationship among the variables
► Explain the logic underlying the relationship between the variables.
► Describe the nature, and direction of the relationships among the variables.
► Relates the previous studies.

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

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

Muhammad Ibrar

► To clearly articulate the research question, to provide operational, definitions and ensuring its testability.

► To clearly articulate the research question, outlining the conditions in which the phenomena of interest are to be investigated.

► To provide operational definitions of the ideas or concepts involved in the research.

► Ensuring that their research question is empirically testable.

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

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

► Any clause which limits the length of a questionnaire.

► Any clause which allows the company to comment on findings that will be published.

► Any clause which increases the level of access for the researcher.

► Any clause which guarantees the anonymity of research participants.

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

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

► To help make the experience enjoyable, children should be given substantial incentives to participate.

► The children should be asked if they want to participate.

► Teachers of the children in their classes should give informed consent.

► Parents must give consent.

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

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

► Privacy could be invaded.

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

► Debriefing could be avoided.

► Informed consent cannot be completely monitored

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

Quantitative research has been criticised because:

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

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

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

► It has no validity.

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

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

► The administration of the test is controlled carefully to ensure that all examinees experience the same conditions.

► The test is developed by experts to ensure it is technically sound.

Muhammad Ibrar

► The scores are interpreted in standard ways.
► All of the given options

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

Mr. Latif is measuring students' attitudes on a controversial topic. Which of the following would you recommend he use to control for the potential problem of students feeling the need to respond with socially acceptable responses?

► Ensure construct validity
► Allow anonymous responses
► Ensure reliability
► Ensure confidentiality

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

Which of the following scales can measure the Temperature?

► Nominal scale
► Ordinal scale
► Interval scale
► All of the given options

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

Following are the properties of nominal scale, **except;**

► Least powerful
► Suggest no order
► Provide categorical information
► Provide magnitude of object

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

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

► Characteristics of nominal scale
► Rank the object
► Does not provide magnitude of object
► Provide rate

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

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

► When internal validity is high, external validity is low
► When internal validity is high, there is no change in external validity
► When internal validity is high, external validity is also high
► All of the given options

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

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

► Internal
► External
► Causal

Muhammad Ibrar

► Construct

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

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

► Qualitative
► Ethical
► Both quantitative and qualitative
► Quantitative

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

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

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

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

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

► Transportation
► Individuals
► Pollutants
► Drugs

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

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

► Individual
► Dyad
► Employer-employee
► Organization

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

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

► Developmental surveys
► Followup studies
► Public opinion polls
► No survey research is appropriate

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

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

Muhammad Ibrar

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

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

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

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

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

Which of the following statements is correct about questionnaire?

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

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

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

► Question content
► Question wording
► Response strategy
► All of the given options

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

The most critical area of an article to read is;

► Introduction
► Abstract
► Results section
► Limitations

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

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

► Inability to confirm who completed the questionnaire
► Its unsuitability for some kinds of respondents
► Inability to ask many questions that are not directly relevant to the respondent
► Easy to justify the ans
wer

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

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

Muhammad Ibrar

► High
► Moderate
► Low
► Nill

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

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

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

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

Which of the following represent a good qualitative problem statement?

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

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

Which of the following makes research questions very crucial?

► Guide your decisions about what data to collect and from where.
► Help you decide which research area interests you.
► Ensure that your findings have external validity.
► Prevent you from thinking about research strategies.

Question No: 41 (Marks: 10)

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

MIDTERM EXAMINATION
Fall 2009
STA630- Research Methods

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

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

► Zikmund, W.
► **Sekaran, U.**
► Dessler, G.
► Neuman, W.C.

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

What does an empiricist believe?

Muhammad Ibrar

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

Question No: 3 (Marks: 1) - Please choose one
Action research usually takes place in a single school because;
► **It is designed to answer questions about improving practice in a particular setting.**
► It is difficult to secure permission to study students in multiple schools.
► Teachers do not have the necessary skills to conduct research across multiple settings.
► Data collection methods used in action research are designed for single settings.

Question No: 4 (Marks: 1) - Please choose one
Which of the following is characteristic of action research?
► Variables are tightly controlled.
► Results are generalizable.
► Results demonstrate cause-and-effect relationships.
► Data are usually qualitative.

Question No: 5 (Marks: 1) - Please choose one
Which of the following statements is TRUE for qualitative research question?
► It asks a question about some process, or phenomenon to be explored.
► It is generally an open-ended question.
► It asks a question which may be open ended.
► It asks a closed ended question.

Question No: 6 (Marks: 1) - Please choose one
Which of the following is NOT an example of quantitative variable?
► Age
► Grade point average
► Gender
► Motivation

Question No: 7 (Marks: 1) - Please choose one
In research, something that does not "vary" is known as:
► Variable
► Method
► Constant
► Control group

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

The cause variable or the one that identifies forces or conditions that act on something else is known as:
► Moderating variable
► **Independent variable**
► Categorical variable
► Dependent variable

Question No: 9 (Marks: 1) - Please choose one
Which of the following statements best defines hypothesis?
► A quantitative study.
► A tentative prediction of the results of the research.
► A qualitative research design.
► The operational definition of the study.

Question No: 10 (Marks: 1) - Please choose one
Which of the following is the characteristic/s of Hypotheses in qualitative research studies?
► Hypotheses are very specific and stated prior to beginning the study.
► Hypotheses are never used.
► Hypotheses are often generated as the data are collected, interpreted, and analyzed.
► Hypotheses are always stated after the research study has been completed.

Question No: 11 (Marks: 1) - Please choose one
Hypothesis test may also be called as:
► Informal test
► Moderating test
► Significance test
► t-test

Question No: 12 (Marks: 1) - Please choose one
Which of the following refers to "A review that only demonstrates familiarity with an area is rarely published but it often is part of an educational program is which type of review"?
► Integrative review
► Theoretical review
► Self-study review
► Historical review

Question No: 13 (Marks: 1) - Please choose one
Which one of the following tasks is **NOT** accomplished by theoretical framework?
► Elaborate the relationship among the variables
► Explain the logic underlying the relationship between the variables.
► Describe the nature, and direction of the relationships among the variables.
► Relates the previous studies.

Question No: 14 (Marks: 1) - Please choose one
Which of the following strategies is useful when defining a particular research question?
► To clearly articulate the research question, to provide operational, definitions and ensuring its testability.
► To clearly articulate the research question, outlining the conditions in which the phenomena of interest are to be investigated.
► To provide operational definitions of the ideas or concepts involved in the research.
► Ensuring that their research question is empirically testable.

Question No: 15 (Marks: 1) - Please choose one
What should the business researcher be aware of when signing a confidentiality agreement?
► Any clause which limits the length of a questionnaire.
► Any clause which allows the company to comment on findings that will be published.
► Any clause which increases the level of access for the researcher.
► Any clause which guarantees the anonymity of research participants.

Question No: 16 (Marks: 1) - Please choose one
In a study of concept learning in first-graders, all of the following should happen, **except;**
► To help make the experience enjoyable, children should be given substantial incentives to participate.
► The children should be asked if they want to participate.
► Teachers of the children in their classes should give informed consent.
► Parents must give consent.
No: 17 (Marks: 1) - Please choose one
Which of the following is least likely to occur as an ethical problem with electronic research?
► Privacy could be invaded.
► People are not likely to be able to stop once they have begun participating.
► Debriefing could be avoided.
► Informed consent cannot be completely monitored.

Question No: 18 (Marks: 1) - Please choose one
Quantitative research has been criticised because:
► The reliance on instruments and procedures makes it high in ecological validity.
► The measurement process suggests a spurious and artificial sense of accuracy.
► It underestimates the similarities between objects in the natural and social worlds.
► It has no validity.

Question No: 19 (Marks: 1) - Please choose one
Which of the following is a characteristic of a standardized test?
► The administration of the test is controlled carefully to ensure that all examinees experience the same conditions.
► The test is developed by experts to ensure it is technically sound.
► The scores are interpreted in standard ways.
► All of the given options

Question No: 20 (Marks: 1) - Please choose one
Mr. Latif is measuring students' attitudes on a controversial topic. Which of the following would you recommend he use to control for the potential problem of students feeling the need to respond with socially acceptable responses?
► Ensure construct validity
► Allow anonymous responses
► Ensure reliability
► Ensure confidentiality

Question No: 21 (Marks: 1) - Please choose one
Which of the following scales can measure the Temperature?
► Nominal scale
► Ordinal scale
► Interval scale
► All of the given options

Question No: 22 (Marks: 1) - Please choose one
Following are the properties of nominal scale, **except;**
► Least powerful
► Suggest no order
► Provide categorical information
► Provide magnitude of object

Question No: 23 (Marks: 1) - Please choose one
Which of the following is NOT the implication of Ordinal scale?
► Characteristics of nominal scale
► Rank the object
► Does not provide magnitude of object
► Provide rate

Question No: 24 (Marks: 1) - Please choose one
Which of the following statements is correct about validity and reliability?
► When internal validity is high, external validity is low
► When internal validity is high, there is no change in external validity
► When internal validity is high, external validity is also high
► All of the given options

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

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

► Internal
► External
► Causal
► Construct

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

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

► Qualitative
► Ethical
► Both quantitative and qualitative
► Quantitative

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

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

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

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

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

► Transportation
► Individuals
► Pollutants
► Drugs

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

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

► Individual
► Dyad
► Employer-employee
► Organization

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

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

► Developmental surveys
► Followup studies
► Public opinion polls

► No survey research is appropriate

Question No: 31 (Marks: 1) - Please choose one
Which of the following is NOT an example of a problem with using survey research to investigate behaviour?
► Respondents tend to answer by giving the most socially desirable answer.
► Respondents may inadvertently omit key terms in the question.
► Respondents may not give an honest reply to what they see as a threatening question.
► Respondents may be unwilling to reveal information as they believe they are likely to be identified.
Question No: 32 (Marks: 1) - Please choose one
What should the researcher do if they have achieved a low response rate?
► Copy responses and paste them again.
► Abandon the research project entirely.
► Recognize and accept the possible limitations of a low response rate.
► Fill in some more questionnaires themselves.

Question No: 33 (Marks: 1) - Please choose one
Which of the following statements is correct about questionnaire?
► A questionnaire should run to at least twenty pages.
► The questions should have no spaces between them so that the whole questionnaire looks small.
► Only questionnaires that are A3 size achieve high response rates.
► Clear presentation is more important than overall size.

Question No: 34 (Marks: 1) - Please choose one
Critical decision area in questionnaire construction is which of the following?
► Question content
► Question wording
► Response strategy
► All of the given options

Question No: 35 (Marks: 1) - Please choose one
The most critical area of an article to read is;
► Introduction
► Abstract
► Results section
► Limitations
Question No: 36 (Marks: 1) - Please choose one
Which of the following is/are advantage(s) of the self-completed questionnaire?
► Inability to confirm who completed the questionnaire
► Its unsuitability for some kinds of respondents
► Inability to ask many questions that are not directly relevant to the respondent
► Easy to justify the answer

Question No: 37 (Marks: 1) - Please choose one
Time consumed in mall intercept interview is representing which of the following type?
► High
► Moderate
► Low
► Nill

Question No: 38 (Marks: 1) - Please choose one
Which of the following similarity is found in Qualitative research and Survey research?
► Examine topics primarily from the participants' perspectives.
► They are guided by predetermined variables to study.
► They are descriptive research methods.
► Have large sample sizes.

Question No: 39 (Marks: 1) - Please choose one
Which of the following represent a good qualitative problem statement?
► Defines the independent and dependent variables.
► conveys a sense of emerging design.
► Specifies a research hypothesis to be tested.
► Specifies the relationship between variables that the researcher expects to find.

Question No: 40 (Marks: 1) - Please choose one
Which of the following makes research questions very crucial?
► Guide your decisions about what data to collect and from where.
► Help you decide which research area interests you.
► Ensure that your findings have external validity.
► Prevent you from thinking about research strategies.

Question No: 41 (Marks: 10)
How would you explain "Research Proposal" and its different sections?

MIDTERM EXAMINATION
Spring 2010
STA630- Research Methods (Session - 3)

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

Who, among the following, is the writer of Business Research Methods?

► Neuman, W.C.

► Zikmund, W.

► **Sekaran, U.**

► Dessler, G.

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

Which of the folowing is the basis of the Scientific Method?

► To test hypothesis in conditions that is conducive to its success.

► To formulate a research problem and disprove the hypothesis.

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

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

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

The action research method is depicting as a strengthening process because;

► Data collection continues throughout data analysis.

► The results are analyzed and used by other researchers to conduct additional investigations of the topic.

► The action researcher continues to study other topics of interest after the initial study is completed.

► The process continues even after the data are collected and analyzed, and actions are taken based on findings.

► Data collection continues throughout data analysis.

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

Quantitative researcher's pre-occupation with generalization is an attempt to:

► Develop the law like findings of the natural sciences.

► Boost their chances of publication.

► Enhance the internal validity of their research.

► Demonstrate the complex techniques of statistical analysis.

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

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

► Discontinuous variable

► Dependent variable

► Continuous variable

► Independent variable

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

Hypothesis test may also be called as:

► Informal test

► Moderating test

► Significance test

► t-test

Significance test

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

A formal statement of the research question or “purpose of research study” generally:

► Is made prior to the literature review

► Is made after the literature review

► Will help guide the research process

► Is made before or after literature review

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

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

► Any clause which limits the length of a questionnaire.

► Any clause which allows the company to comment on findings that will be published.

► Any clause which increases the level of access for the researcher.

► Any clause which guarantees the anonymity of research participants.

Question No: 9 (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.

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

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

Which of the following BEST describes an assessment that examines students' ability to conduct a chemistry experiment in the lab?

► Aptitude

► Interest inventory

► Performance assessment

► Standardized test

► Aptitude

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

One of the preoccupations of quantitative researchers is with generalization, which is a sign of:

► External validity

► Internal reliability

► External reliability

► Internal validity

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

A study design in which the researcher might create_____ to establish cause-and-effect relationship is called Experimental Design.

► **An artificial setting, control some variables and manipulates the independent variable**

► A natural setting, control some variables and manipulates the dependent variables

► An artificial setting, control some variables and manipulates the dependent variable

► All of the given options

► An artificial setting, control some variables and manipulates the independent variable

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

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

► Developmental surveys

► **Followup studies**

► Public opinion polls

► No survey research is appropriate

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

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

► Copy responses and paste them again.

► Abandon the research project entirely.

► **Recognize and accept the possible limitations of a low response rate.**

► Fill in some more questionnaires themselves.

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

Which of the following characteristic of the scientific method is defined as the confirmation or refutation of the observation through the scientific method by using sensory experience?

► **Empirical**

► Verifiable

► Observable

► Cumulative

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

Which of the following study requires the collection of data at one point in time from a large number of respondents?

► Case study

► **Cross-sectional study**

► All of the given options

► Longitudinal study

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

Basic research can also be called as

► Practical research

► **Fundamental Research**

► Action research

► Assessment research

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

Methodological reviews can be best explained as:

► Evaluation of the previous research methodologies used by the researchers page 27

► Assessment of the models built by the previous researchers

► Reviewing the review in the systematic manner

► Studying the specific context under study

► Evaluation of the previous research methodologies used by the researchers

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

The review that presents the current state of knowledge by combining different reports is called:

► Self study review

► Theoretical review

► Systematic review

► Integrative review

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

The best method to narrow down a topic is to:

► Develop theoretical framework

► Review literature

► Test a hypothesis

► Conduct a survey

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

Which of the following is not the part of the funded research proposal?

► Research strategies

► Significance of the research

► Research Team

► Theoretical framework

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

Why should we study research for our degree requirement?

► Because we live in a society that is driven by research.

► To improve our critical thinking skills.

► To learn how to critically evaluate published research.

► **All of the given options**

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

Which of the following is elaborative exploratory pilot study?

► Focus group discussion 7 page

► Literature review

► Document analysis

► Survey

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

Which of the following is true for field experiment?

► It is difficult to control the external factors to research

► It is possible to establish perfect cause and effect relationship

► Survey method is not appropriate

► It is similar to lab experiment

► It is possible to establish perfect cause and effect relationship

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

Which of the following is the BEST hypothesis?

► Students taking formative quizzes will perform better on exams at the end of the chapter than students not taking these quizzes.

► Taller students will have higher test scores than shorter students.

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

► Students using laptops will do well.

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

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

'There is no relationship between motivation level and efficiency' is an example of which type of hypothesis?

► Alternative

► Correlational

► Null

► Research

► Null

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

Which of the following is not a characteristic of the operational definition?

► It divides a concept into the empirical measures

► It translates a broad phenomenon into specific concepts page 18

► It delineates the antecedents of the concept being operationalized

► It provides the working definition of the concept

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

Which of the following types of scales is likely measuring students' deeply held beliefs about ideas, people, or objects?

► The Study of Values

► The Attitudes toward School Scale

► The Strong Campbell Interest Inventory

► The Minnesota Multiphasic Personality Inventory

► The Attitudes toward School Scale

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

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

► When internal validity is high, external validity is low

► When internal validity is high, there is no change in external validity

► When internal validity is high, external validity is also high

► All of the given options

► All of the given options

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

Large number of respondents are best interviewed in a (an)_____ way

► Unstructured

► Structured

► Semi structured

► Open ended

Open ended

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

Different factors affect the outcome of survey. In a study using a self completion questionnaire, which of the following would probably NOT affect the outcome?

► **Interviewer training**

► Sample size

► Incentive quality

► Question wording

► Interviewer training

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

The response rate of the internet survey can be increased due to:

► Personality of the researcher

► **Maximum number of the questions 76 page**

► Sponsoring agency

► All of the given options

► Maximum number of the questions

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

Which of the following hypothesis is a descriptive one?

► What is the level of commitment of the officers in your organization?

► What is the effect of organizational commitment on officer's productivity?

► What are the factors that affect commitment of the officers?

► All of the given options.

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

Which of the following does not represent the characteristic of a good quantitative problem statement?

► Specifies the relationship between variables that the researcher expects to find.

► Defines the independent and dependent variables.

► Conveys a sense of emerging design.

► Specifies a research hypothesis to be tested.

► Specifies the relationship between variables that the researcher expects to find.

Question No: 35 (Marks: 3)

What is the primary difference between test/retest and internal consistency?

Question No: 36 (Marks: 5)

Researchers interviewed a group of people in a specific room. They were told that only their interaction with each other and their point of views on a specific issue are being studied but in fact high frequency sound waves were passed through that room and their effect on human behavior was being observed.

Answer the following questions:

Is it an act of deception? Give reason for your choice.

Do you think it was necessary to deceive the respondent in this experiment?

What can the researcher do after the completion of research to rectify the damage done to the respondents?

Question No: 37 (Marks: 5)

What is personal interviewing, how it can be conducted and at which places?

Muhamm

Midterm Examination
Fall 2009
STA630 Research Methods (Session – 4)

Marks: 50

Question No:1 (Marks: 1) - Please choose one
On which of the following, Scientific knowledge mostly relies?
► Identification of events
► Logical understanding
► Prior knowledge
► All of the given options

Question No: 2 (Marks: 1) - Please choose one
What does an empiricist believe?
All the knowledge that we have of life after death can be used in research.
Knowledge in the form of ‘facts’ should be gained through sensory experience.
Research conducted within the British Empire was biased and unreliable.
Research should not always necessarily rely on the scientific methods.

Question No: 3 (Marks: 1) - Please choose one
All of the following are true about theories, except:
They organize and summarize existing knowledge about a topic.
They are tentative until the facts prove them true.
They provide possible explanations for the phenomenon under study.
They lead to testable hypotheses through the process of deduction.

Question No: 4 (Marks: 1) - Please choose oneWhich of the following statements it TRUE for operational definition?
It is one that bears no relation to the underlying concept.
It is an abstract, theoretical definition of a concept
A definition of a concept in terms of specific and empirical measures.
It is one that refers to opera singers and their work.

Question No: 5 (Marks: 1) - Please choose one
Which of the following statements is false about variables?
Discrete variables allow measurement of an infinite number of fractions of units of measurement.
Discrete variables can only have whole number values.
Continuous numbers can only have whole number values.
Continuous measures do not allow for scores that fall between two number values.

Question No: 6 (Marks: 1) - Please choose one
A variable that is presumed to cause a change in another variable is known as:
Discontinuous variable
Dependent variable
Independent variable
Intervening variable

Question No: 7 (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: 8 (Marks: 1) - Please choose one
‘There is no relationship between higher motivation level and higher efficiency’ is an example of which type of hypothesis?
Alternative
Correlational
Null
Research

Muhammad Ibrar

Question No: 9 (Marks: 1) - Please choose one
“The higher the level of job satisfaction of the officers the lower the rate of turnover in an organization”, is a:
Descriptive hypothesis
Relational hypothesis
Relational and directional hypothesis
Relational and non directional hypothesis

Question No: 10 (Marks: 1) - Please choose one
Which two of the following are legitimate frameworks for setting out a literature review:
1. Constructing intertextual coherence, 2. Deconstruction of textual coherence,
3. Problematizing the situation, 4. Resolving discovered problems?
1 and 2
2 and 3
1 and 3
2 and 4

Question No: 11 (Marks: 1) - Please choose one
Which of the following refers to "A review that only demonstrates familiarity with an area is rarely published but it often is part of an educational program is which type of review"?
Integrative review
Theoretical review
Self-study review
Historical review

Question No: 12 (Marks: 1) - Please choose one
Which type of review compares how different theories address an issue?
Context review
Integrated review
Methodological review
Theoretical review

Question No: 13 (Marks: 1) - Please choose one
Which of the following functions is performed by theoretical framework?
Elaborates the relationship among the variables.
Explains the logic underlying these relationships.
Describes the nature, and direction of the relationships.
All of the given options.

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

Muhammad Ibrar

When embarking upon a research project, which of the following issues should be considered?
That the data from the study will be treated anonymously and confidentially.
Coherent research question, pilot work and confidentially.
Pilot work should be carried out to assess the practical issues and feasibility of the research.
That the research should be based upon a coherent research question.

Question No: 15 (Marks: 1) - Please choose one
Which of the following is least likely to occur as an ethical problem with electronic research?
Privacy could be invaded.
People are not likely to be able to stop once they have begun participating.
Debriefing could be avoided.
Informed consent cannot be completely monitored.

Question No: 16 (Marks: 1) - Please choose one
Mr. Ali has decided to use the tests given at the end of each chapter of the textbook to measure the achievement levels of the students in his study. Which of the following BEST describes the end of chapter test?
Operationalized variable
Independent variable
Variable
Construct

Question No: 17 (Marks: 1) - Please choose one
Which type of measurement scale describes the typical test scores that range from 0 to 100?
Nominal
Ordinal
Interval
Ratio

Question No: 18 (Marks: 1) - Please choose one
Mr. Hasan's son has applied to a high school in Florida, but the application was denied solely on his low score on the Iowa Test of Basic Skills (ITBS). His son wants to attend this school and contends his current grades and other standardized test scores speak well to both his past work and future academic capability. Which of the following characteristics of the ITBS is being questioned by this student?
Construct validity
Content validity
Predictive validity
Concurrent validity

Question No: 19 (Marks: 1) - Please choose one
Which of the following is the appropriate way in which to view the reliability of

Muhammad Librar

observational data?
Test-retest
Parallel forms
Internal consistency
Interobserver reliability

Question No: 20 (Marks: 1) - Please choose one
Which of the following BEST describes an assessment that examines students' ability to conduct a chemistry experiment in the lab?
Performance assessment
Interest inventory
Aptitude
Standardized test

Question No: 21 (Marks: 1) - Please choose one
Which of the following functions is performed by the Odinal scale?
Categorize
Distance
Order
Unique origin

Question No: 22 (Marks: 1) - Please choose one
In which way does a ratio scale measurement differ from an interval measurement?
It implies the existence of an absolute zero value.
It measures larger or smaller scores on some underlying dimension.
It requires the mutual exclusivity of all cases.
It requires that exhaustiveness is applied to all observations.

Question No: 23 (Marks: 1) - Please choose one
Which of the following is NOT the implication of Ordinal scale?
Characteristics of nominal scale
Rank the object
Does not provide magnitude of object
Provide rate

Question No: 24 (Marks: 1) - Please choose one
Which of the following statements is correct about validity and reliability?
When internal validity is high, external validity is low
When internal validity is high, there is no change in external validity
When internal validity is high, external validity is also high
All of the given options

Question No: 25 (Marks: 1) - Please choose one
Which of the following is a threat to the internal validity of an experimental design?

Muhammad Ibrar

Maturation
Interaction of setting and treatment
Interaction effects of pre-testing
Reactive effects of experimental arrangements

Question No: 26 (Marks: 1) - Please choose one
Which of the following statements relates to concurrent validity?
The measure apparently reflects the content of the concept in question.
A criterion is employed on which cases are known to differ.
A future criterion is employed on which cases are known to differ.
A measure is gauged by comparing it to measures of the same concept developed through other methods.

Question No: 27 (Marks: 1) - Please choose one
A measure has high internal consistency reliability when:
Multiple observers make the same ratings using the measure.
Participants score at the high end of the scale every time they complete the measure.
Multiple observers obtain the same score every time they use the measure.
Each of the items correlates with other items on the measure.

Question No: 28 (Marks: 1) - Please choose one
Research may differ along a series of dimensions. Which of the following may be applied to this statement?

º The type of data collected.
º The data-collection technique.
º The level of manipulation used to elicit data collection.
º All of the given options.

Question No: 29 (Marks: 1) - Please choose one
Which of the following statement refers to cross-sectional design?
► A comparison of two or more variables over a long period of time
► The collection of data from more than one case at one moment in time
► One that is devised when the researcher is in a bad mood
► A study of one particular section of society, e.g. the middle classes

Question No: 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.
► 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.

Muhammad Ibrar

Question No: 31 (Marks: 1) - Please choose one
A study design in which the researcher might create_____ to establish cause-and-effect relationship is called Experimental Design.
► An artificial setting, control some variables and manipulates the independent variable
► A natural setting, control some variables and manipulates the dependent variables
► An artificial setting, control some variables and manipulates the dependent variable
► All of the given options

Question No: 32 (Marks: 1) - Please choose one
Which of the following kinds of survey research gathers data through questionnaires administered once to the sample?
► Longitudinal, observation
► Cross-sectional, observation
► Longitudinal, self-report
► Cross-sectional, self-report

Question No: 33 (Marks: 1) - Please choose one
Which of the following is NOT an example of a problem with using survey research to investigate behaviour?
► Respondents tend to answer by giving the most socially desirable answer.
► Respondents may inadvertently omit key terms in the question.
► Respondents may not give an honest reply to what they see as a threatening question.
► Respondents may be unwilling to reveal information as they believe they are likely to

Question No: 34 (Marks: 1) - Please choose one
Which of the following statements might assist response rates?
► Please photocopy the questionnaire five times and pass on to your work colleagues.
► Please make sure that the questionnaire is completed with a fountain pen.
► Please read the attached journal article on the ontological foundations of positivism prior to completing the questionnaire.
► Please put the completed questionnaire in the enclosed stamped addressed envelope

Question No: 35 (Marks: 1) - Please choose one
Which of the following is NOT a source of literature review?
► Scholarly Books
► Dissertations
► Policy Reports and Presented Papers
► Story book

Question No: 36 (Marks: 1) - Please choose one
The most critical area of an article to read is;
► Introduction

Muhammad Ibrar

► Abstract
► Results section
► Limitations

Question No: 37 (Marks: 1) - Please choose one
The Introduction section of the research plan;
► Gives an overview of prior relevant studies.
► Contains a statement of the purpose of the study.
► Relates previous studies, denote purpose and research questions.
► Concludes with a statement of the research questions and, for quantitative research, it includes the research hypothesis.

Question No: 38 (Marks: 1) - Please choose one
Time consumed in mall intercept interview is representing which of the following type?

► High
► Moderate
► Low
► Nill

Question No: 39 (Marks: 1) - Please choose one
Which of the following is True for survey research?
► Survey research is a subset of experimental research.
► Survey research is often used in experimental research.
► Survey research is never used in experimental research.
► Survey research is always used in experimental research.

Question No: 40 (Marks: 1) - Please choose one
Which of the following is to convince reviewers that the researcher is capable of successfully conducting the proposed research project?
► Literature review
► Research question
► Research proposal
► Research project
Question No: 41 (Marks: 10)
What are various type of variables that can be identified during research. Explain with suitable example.

Muhammad Ibrar

MIDTERM EXAMINATION

Spring 2010

STA630- Research Methods (Session - 4)

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

Research can help in the following ways for developing methodologies, EXCEPT;

► Tools of data collection

► New technique for gathering data

► Defining a problem

► Data analysis

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

Which of the folowing is the basis of the Scientific Method?

► To test hypothesis in conditions that is conducive to its success.

► To formulate a research problem and disprove the hypothesis.

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

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

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

Research method is applicable in all of the following fields, Except.

► Health care

► Business

► Government offices

► Religion

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

Which of the following BEST describes quantitative research?

► The collection of non numerical data

► An attempt to confirm the research's hypotheses

► Research that is exploratory

► Research that attempts to generate a new theory

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

Which of the following is the definition of an independent variable?

► A variable that is manipulated or controlled by the experimenter.

► A response variable.

► The behavioural measure made by the experimenter.

► A dependent variable that is controlled by the experimenter.

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

Why do you need to review the existing literature?

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

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

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

► To help in your general study.

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

A literature review should be characterized by all of the following, EXCEPT;

► Summarize and report each article.

► Use important topics as the organizing structure of the review.

► Analyze all articles for similarities and differences related to major topics.

► Discuss implications relative to the research problem.

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

Which of the following functions is performed by theoretical framework?

► Elaborates the relationship among the variables.

► Explains the logic underlying these relationships.

► Describes the nature, and direction of the relationships.

► All of the given options.

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

When there is a need of generating new ideas for hypotheses or to interpret the results of some research, which one is the best research deign?

► Experiment

► Surveys

► **Focus group discussion**

► Communication analysis

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

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

► Any clause which limits the length of a questionnaire.

► Any clause which allows the company to comment on findings that will be published.

► Any clause which increases the level of access for the researcher.

► Any clause which guarantees the anonymity of research participants.

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

Which of the following is an example of deception in business research?

► The obtaining of company material without permission.

► The researcher wearing a disguise during an observation.

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

► The researcher failing to ask permission to interview someone.

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

All of the following are part of the ethics code for animal research, **except;**

► The researcher must be an expert about the species being studied.

► Procedures using reinforcement are preferred over those using punishment.

► Animal studies that are purely educational in purpose cannot be done.

► If the animal must be killed at the end of the study, a painless procedure must be used.

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

Which of the following is not an example of deception?

► A part of the truth is not communicated to the respondent.

► To observe code of ethics.

► To leak out information regarding any confidential matter.

► To create bias between respondents before the survey.

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

Which of the following BEST describes an assessment that examines students' ability to conduct a chemistry experiment in the lab?

► Aptitude

► Interest inventory

► Performance assessment

► Standardized test

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

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

► It forces you to think through every aspect of a study.

► It provides detailed procedures to guide the conduct of the study.

► It provides clear roadmap of the study.

► Writing a plan facilitates the evaluation of it.

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

Which of the following surveys are more impersonal than face-to-face interviews?

► Mail

► Recorded Interview

► Focus group

► Telephonic

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

All of the following are the characteristics of scientific methods of research, **EXCEPT;**

► Cumulative

► Deterministic

► Unethical

► Rationalism

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

Which of the following is **NOT** the feature of theoretical framework?

► Make an inventory of variables

► Statistical analysis

► Specify the direction of relationship

► Make an inventory of propositions

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

Which of the following study requires the collection of data at one point in time from a large number of respondents?

► Case study

► Cross-sectional study

► All of the given options

► Longitudinal study

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

Which of the following is NOT the goal of the explanatory research?

► Testing theory

► Establishing the relationship between different phenomenon

► Generating new ideas about the topic

► Replicating a theory to a new area

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

Basic research can also be called as

► Practical research

► Fundamental Research

► Action research

► Assessment research

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

Descriptive hypothesis is also called:

► Directional Hypothesis

► Univariate Hypothesis

► Non directional Hypothesis

► All of the given options

i?hl=en

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

Logical argument of the researcher can be based on:

► Personal experience

► Literature review

► Arm chair thinking

► All of the given options

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

Rationalism is the application of which of the following?

► Research solution

► Logic and arguments

► Intuition

► Previous findings

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

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

► Hypotheses are very specific and stated prior to beginning the study.

► Hypotheses are never used.

► Hypotheses are often generated as the data are collected, interpreted, and analyzed.

► Hypotheses are deductively tested

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

_____are more specific that dimensions:

► Elements

► Variables

► Aspects of variables

► Concepts

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

Which of the following is an indicator of the job stress?

► **Competitive pay**

► Role conflict

► Fair policies

► None of the given options

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

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

► All of the given options

► Distance

► Order

► Unique origin

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

Which of the following effect in internal validity occurs when test units with extreme scores are used.

► Statistical regression

► Selection Bias

► Maturation

► Instrumentation

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

The design where we have no control over the variables and report only what has happened or what is happening is called_____

► Research design

► Contrived design

► Ex-post-facto design

► Explanatory design

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

Which of the following disadvantage of personal interview can be overcome by rapport building?

► Cost

► Lack of anonymity of the respondents

► Scarcity of highly trained interviewers

► Callbacks

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

Large number of respondents are best interviewed in a (an)_____ way

► Unstructured

► Structured

► Semi structured

► Open ended

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

Which one of these is an interviewer-administered questionnaire?

► Postal questionnaire

► Delivery and collection questionnaire

► Telephone questionnaire

► On-line questionnaire

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

One of the disadvantages of the internet survey is:

► All people cannot participate

► Slow data collection speed

► Less anonymity

► High cost

Question No: 35 (Marks: 3)

Why preliminary notification is essential in self administered questionnaire?

Question No: 36 (Marks: 5)

A research was conducted by education department to see the impact of strict teaching practices on the rate of failure among the students.

Identify dependent and independent variables. (1)

Classify this research according to purpose of doing research; exploratory, descriptive or explanatory. Explain your choice.(2)

Classify this research according to use of research; Basic or Applied. Explain your choice.(2)

Question No: 37 (Marks: 5)

"Because literature survey is a time-consuming exercise, a good in-depth interview will be sufficient to develop a theoretical framework". Discuss this statement.

Quiz #2 STA 630

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

Select correct option:

Mean

Range

Percentile

Mode

The key objective of data analysis is to:

Select correct option:

Calculate statistics

Understand relationships between variables

Obtain the distribution of responses for each question

Create tables which display the survey results

Question # 3 of 15

Bias is defined as;

Select correct option:

The distortion of responses based on gender, ethnicity, race, or language

A lack of validity

A lack of reliability

A poor interpretation of a student's score

Question # 4 of 5

Which of the following is a research method that allows a researcher to get information

about a large number of subjects relatively inexpensively and easily?

Select correct option:

Naturalistic observation

Case study

Laboratory observation

Survey

Question # 5 of 15

What is the first step in the research process?

Select correct option:

Preliminary data collection

Problem definition Theoretical framework

Define broad problem area

Step I: Formulating a Research Problem

Formulating a research problem is the first and most important step in the research process.

A research problem identifies your destination: it should tell you, your research supervisor and your readers what you intend to research.

Question # 6 of 15

When you are confident that the experimental manipulation produced the changes you

measured in the dependent variable, your study probably has good _____ validity.

Select correct option:

Construct Inter nal

External

Causal

Question # 7 of 15

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

Select correct option:

Provides a solid foundation for developing the latter

Literature survey helps in the identification of the relevant variables

The theoretical framework explains the theory underlying these relations

All of the given options

There is a relationship between the literature survey and the theoretical framework whereby the former provides a solid foundation for developing the latter. Literature survey helps in the identification of the relevant variables, as determined by the previous researches. This in addition to other logical connections that can be conceptualized forms the basis for the theoretical model. The theoretical framework elaborates the relationships among the variables, explains the theory underlying these relations, and describes the nature and direction of the relationships.

Question # 8 of 15

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

Select correct option:

It measures larger or smaller scores on some underlying dimension.

It implies the existence of an absolute zero value.

It requires the mutual exclusivity of all cases.

It requires that exhaustiveness is applied to all observations.

Question # 9 of 15

All of these are characteristics of scientific methods of research except, it is

Select correct option:

Cumulative
Deterministic

Unethical (handouts pg#5)

Rationalism

Question # 10 of 15

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

questions?

Select correct option:

Why we expect certain relationships to exist
How we expect certain relationships to exist

Both of the given questions

None of the given questions

Question # 11 of 15

Which of the following is the least appropriate research problem?

Select correct option:

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

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

scores?

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

Should students have access to controversial novels in school?

Question # 12 of 15

A _____ scale only assigns numbers to objects to classify the objects according to the

characteristic of interest.

Select correct option:

Ratio **No**
minal

Interval

Dichotomous

Question # 13 of 15

Which of the following is NOT a characteristic of a good research topic?

Select correct option:

It is ethical.

It can be investigated through the collection and analysis of data.

It focuses on a philosophical or ethical
issue. It is theoretically or practically
significant.

Question # 14 of 15

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

Select correct option:

Understanding the problem
situation The appearance/form of
the proposal

Responding to every element exactly as specified by the client

Knowing as much as possible about the proposal recipients

Question # 15 of 15

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

Select correct option:

Sampling validity

External validity

Construct validity

Internal validity

. External validity refers to: the extent to which we can generalize the results of a study to other populations and settings

Sta 2010 solve by my self

1.Which research paradigm is based on the pragmatic view of reality
a. quantitative research
b. qualitative research
c. mixed researchd.
none of the above

2. Which research paradigm is least concerned about generalizing its findings?
a. quantitative research
b. qualitative research
c. mixed researchd.
none of the above

3. Which of the following best describes quantitative research?
a. the collection of nonnumerical data
b. an attempt to confirm the researcher's hypotheses
c. research that is exploratory
d. research that attempts to generate a new theory

4. A condition or characteristic that can take on different values or categories is called ____.a.
a constant
b. a variable
c. a cause-and-effect relationship
d. a descriptive relationship

5. A variable that is presumed to cause a change in another variable is called a(n)

Muhammad Ibra

a. categorical variable
b. dependent variable
c. independent variable
d. intervening variable

6. All of the following are common characteristics of experimental research except:
a. it relies primarily on the collection of numerical data
b. it can produce important knowledge about cause and effect
c. it uses the deductive scientific methodd. it rarely is conducted in a controlled setting or environment

d. it rarely is conducted in a controlled setting or environment

7. Qualitative research is often exploratory and has all of the following characteristics except:
a. it is typically used when a great deal is already known about the topic of interest
b. it relies on the collection of nonnumerical data such as words and pictures
c. it is used to generate hypotheses and develop theory about phenomena in the world
d. it uses the inductive scientific method

8. Which type of research provides the strongest evidence about the existence of cause-and-effect relationships?
a. nonexperimental Research
b. experimental Research
9. What is the key defining characteristic of experimental research?
a. extraneous variables are never present
b. a positive correlation usually exists
c. a negative correlation usually exists
d. manipulation of the independent variable

10. In _____, random assignment to groups is never possible and the researcher cannot manipulate the independent variable.
a. basic research
b. quantitative research

Muhammad librar

c. experimental research
d. causal-comparative and correlational research

11. What is the defining characteristic of experimental research?
a. resistance to manipulation
b. manipulation of the independent variable
c. the use of open-ended questions
d. focuses only on local problems

12.. A positive correlation is present when _____.
a. two variables move in opposite directions
.b. two variables move in the same direction.
c. one variable goes up and one goes down
d. several variables never change.

13. Research in which the researcher uses the qualitative paradigm for one phase and the quantitative paradigm for another phase is known as _____.
a. action research
b. basic research
c. quantitative researchd. mixed method research
e. mixed model research1

4. Research in which the researcher uses both qualitative and quantitative research within a stage or across two of the stages in the research process is known as _____.
a. action research
b. basic research
c. quantitative research
d. mixed method researche. mixed model research

15.. Research that is done to understand an event from the past is known as _____?
a. experimental research
b. historical research
c. replication
d. archival research

16. _____ research occurs when the researcher manipulates the independent variable
.a. causal-comparative research

Muhammad librar

b. experimental research
c. ethnography
d. correlation research

17.. Which of the following includes examples of quantitative variables?
a. age, temperature, income, height
b. grade point average, anxiety level, reading performance
c. gender, religion, ethnic group
d. both a and b

18.. What is the opposite of a variable?a.
a constant
b. an extraneous variable
c. a dependent variable
d. a data set

19. Which of the following is the type of nonexperimental research in which the primaryindependent variable of interest is categorical?
a. causal-comparative research
b. experimental research
c. qualitative research
d. mixed research

20. Which of the following can best be described as a categorical variable?
a. age
b. annual income
c. grade point average
d. religion

21. In research, something that does not "vary" is called a _____.
a. variable
b. method
c. constant
d. control group

22. When interpreting a correlation coefficient expressing the

Muhammad Ibrar

relationship between two variables, it is very important to avoid _____
.a. checking the strength of relationship
b. jumping to the conclusion of causality
c. checking the direction of the relationshipd. expressing a relationship with a correlation coefficient

23. A researcher studies achievement by children in poorly funded elementary schools. She develops a model that posits parent involvement as an important variable. She believes that parent involvement has an impact on children by increasing their motivation to do school work. Thus, in her model, greater parent involvement leads to higher student motivation, which in turn creates higher student achievement. Student motivation is what kind of variable in this study?
a. Manipulated variable
b. Extraneous variable
c. Confounding variable
. Mediating or intervening variable

24. The strongest evidence for causality comes from which of the following research methods?
a. Experimental
b. Causal-comparative
c. Correlational
d. Ethnography

25. Which correlation is the strongest
?a. +.10
b. -.95
c. +.90
d. -1.0026. The correlation between intelligence test scores and grades is:a. **26. The correlation between intelligence test scores and grades is**:

a. Positive

b. Negative

c. Perfect

d. They are not correlated

Muhammad Ibrar

27. Which of the following is necessary in obtaining informed consent?
a. A description of the statistical analyses that will be carried out
b. A description of the purpose of the research
c. A description of the reliability and validity of test instruments
d. A list of publications that the researcher has had in the last ten years

28. Which of the following need(s) to be obtained when doing research with children?
a. Informed consent from the parent or guardian
b. Assent from the child if he or she is capable
c. Informed consent from the child
d. Both a and b

29. Which of the following is true about the use of deception in research?
a. It should never be used
b. It can be used anytime
c. If there is deception in a study, the participants may need to be debriefed
d. The use of deception must be outweighed by other benefits of the study
e. Both c and d are true

30. Which of the following generally cannot be done in qualitative studies conducted in the field?
a. Getting informed consent
b. Keeping participants from physical harm
c. Maintaining consent forms
d. Having full anonymity rather than just confidentiality

31. What is the primary approach that is used by the IRB to assess the ethical acceptability of a research study?
a. Utilitarianism
b. Deontology
c. Ethical skepticism
d. Comparativeism

Muhammad Ibrar

32.. Which of the following approaches says that ethical issues should be judged on the basis of some universal code?
a. Deontological
b. Ethical skepticism
c. Utilitarianism

33 Which of the following is not an ethical guideline for conducting research with humans?
a. Getting informed consent of the participant
b. Telling participants they must continue until the study has been completed
c. Keeping participants' identity anonymous
d. Telling participants they are free to withdraw at any time

34. Which of the three ethics approaches says research ethics should be a matter of the individual's conscience?
a. Deontological approach
b. Ethical skepticism
c. Utilitarianism
d. Ontological skepticism

35. Which of the following is not true?
a. Misrepresenting and creating fraudulent data is dishonest
b. Misrepresenting data is very easy to detect
c. Misrepresenting data can be difficult to detect
d. Breaking confidentiality is not a problem

36. Ideally, the research participant's identity is not known to the researcher. This is called:
a. Anonymity
b. Confidentiality
c. Deception
d. Desensitizing

37. Which of the following approaches taken by people to resolve ethical issues is the primary approach used by the

Muhammad Ibrar

federal government and most professional organizations?
a. Deontological approach
b. Ethical skepticism
c. Utilitarianism
d. None of the above

38. What is it called when the participants are not revealed to any one but researcher and staff?
a. Confidentiality
b. Anonymity
c. Ethics
d. Discretion

39. Research participants must give what before they can participate in a study?
a. Guidelines
b. A commitment
c. Informed consent
d. Private information

40. There are three basic approaches that people tend to adopt when consideringethical issues in research. Which one of the following is not one of the approaches?
a. Ethical skepticism
b. Deontology
c. Ontology
d. Utilitarianism

Q.41 What is Descriptive research ? What is Goals of Descriptive Research ? Marks 10
Descriptive research present a picture of the specific details of a situation social setting or relationship . The major purpose of descriptive research as the term implies is to describe characteristics of a population or phenomenon. Descriptive research seeks to derermine the answer to who what when where and how question . labor force survey population cencus and educational census are examples of such research Descriptive study offers to ther researcher a profile or description of relvernt aspect of the phenomena of interest . look at the class in research methods and try to give its profile the characteristics of the students when we start to look at the relationship of the variables then it may help in diagnosis analysis

Muhammad Ibrar

Goals of descriptive research

- ***Describe the situation in trms of its characteristics i.e provide an accurate profile of a group'***
- ***Give a verbal or numerical picture% of the situation***
- ***Present background information***
- ***Create a set of categories or classify the information***
- ***Clarify sequence set of stages and***
- ***Focus on who what when where and how but not why?***

Muhammad Ibrar