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True / False /test-bank-research-methods-the-essential-knowledge-base-2e-trochim

1. Research is a type of knowledge.	systematic inve	estigation that is empirical in nature and is designed to contribute to public
C	a.	True
	b.	False
ANSWER:		True
DIFFICULTY:		Easy
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Understand
2. Evolutionary epistem selection.	ology is a brand	ch of philosophy that proposes that ideas evolve through the process of natural
	a.	True
	b.	False
ANSWER:		True
DIFFICULTY:		Easy
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Understand
3. The purpose of peer r they get the same result:		ner researchers to exactly repeat the procedures of an experiment to see whether
	a.	True
	b.	False
ANSWER:		False
DIFFICULTY:		Easy
REFERENCES:		1.2 Conceptualizing Research
KEYWORDS:		Bloom's: Understand
4. Relational studies are	designed prima	arily to document what is going on or what exists.
	a.	True
	b.	False
ANSWER:		False
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
5. The theoretical nature have about how the wor		ices is related to developing, exploring, or testing the ideas that social researcher
	a.	True
	b.	False
ANSWER:		True
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KFYWORDS:		Bloom's: Understand

6. A cross-sectional study is one that takes place at a single point in time.

	a.	True
	b.	False
ANSWER:		True
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
7. A positive rela	tionship between two va	riables may also be referred to as an inverse relationship.
1	a.	True
	b.	False
ANSWER:		False
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
8. An independen	at variable is what the ex	perimenter (or nature) manipulates.
•	a.	True
	b.	False
ANSWER:		True
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
9. An hypothesis	is a specific statement of	f prediction.
	a.	True
	b.	False
ANSWER:		True
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
10. The degree to	which conclusions reach	hed about relationships in an experiment are reasonable is referred to as
construct validity	•	
	a.	True
	b.	False
ANSWER:		False
<i>DIFFICULTY:</i>		Easy
REFERENCES:		1.5 The Validity of Research
KEYWORDS:		Bloom's: Understand
Multiple Choice		
11. Research is en	mpirical in nature, meani	ing that it
a.	is accessible to everyo	
b.	involves systematic ol	bservation
c.	uses statistical proced	ures

d	l .	can be replicated	
ANSWER:			b
DIFFICULTY	<i>7</i> .		Easy
REFERENCE	S:		1.1 The Research Enterprise
KEYWORDS:			Bloom's: Understand
12. The system	natic a.	effort to move research fro translational resear	om initial discovery to practice is referred to as
	ь. b.	bench research	
	c.	basic research	
	d.	enterprise research	
ANSWER:	٠.	enverprise researen	a
DIFFICULTY	7.		Easy
REFERENCE			1.1 The Research Enterprise
KEYWORDS:			Bloom's: Understand
TIET // OTES.			Dicom S. Chaolismia
13. The resear	ch-pi	ractice continuum starts w	ith .
_	a.	applied research	
	b.	implementation resea	rch
	c.	basic research	
	d.	policy research	
ANSWER:			c
DIFFICULTY	<i>7</i> .		Easy
REFERENCE	S:		1.1 The Research Enterprise
KEYWORDS:			Bloom's: Understand
although scho reading-readir	ol en ness s	rollment is not mandatory cores of all children starting	free public pre-kindergarten education for three- and four-year-old children, until age five, with kindergarten. She is tracking the school-readiness and ng kindergarten to see how the children who are enrolled in the pre-K background who do not attend. Valerie is conducting
	a.	applied research	
	b.	implementation resea	rch
	c.	basic research	
	d.	policy research	
ANSWER:			d
DIFFICULTY	· .		Moderate
REFERENCE	S:		1.1 The Research Enterprise
KEYWORDS:			Bloom's: Analyze
fellow student	t. Thi	s approach has been tested	on for use with high school students who are facing the unexpected death of a lin a typical university community in the southern United States. Dave is and also has plans to test it in a number of other areas. Dave is conducting
·		1: 1 1	
	a. 1-	applied research	1.
	b.	implementation resea	ren
	c.	basic research	
	d.	policy research	

ANSWER:		b
DIFFICULTY:		Moderate
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Analyze
damages associate	ed with stress. He sets out to	ry, certain nutrients can help buffer research animals from the physiological determine whether dietary supplements can do the same for people in a es. Amir's research is best described as
ь. b.	implementation resear	reh
	basic research	Cii
c.		
d.	policy research	
ANSWER:		a M. J
DIFFICULTY:		Moderate
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Analyze
research and then	uses statistical methods to c made. Her work is best desc	
a	J	18
b	•	
C	. literature review	
Ć	l. systematic review	
ANSWER:		b
DIFFICULTY:		Moderate
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Analyze
	treatment to be covered by	tment center for children and adolescents with eating disorders. She is aware insurance or other third-party payers, it must have a basis in research. This king
b.	managed care triage	
c.	state-of-the-art treatmen	t ·
d.	evidence-based practice	
ANSWER:	ovidence susta praemee	d
DIFFICULTY:		Moderate
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Analyze
over the past centu	ary. He notices that some iden not supported, seem to lar	ave been taken to the diagnosis and treatment of childhood schizophrenia eas receive initial research support and become popular, generate additional gely die off while others continue to be supported and become dominant in
a.	research synthesis	
b.	evolutionary epistemolo	ogy
C.	the research continuum	

d.	evidence-based practice
ANSWER:	b
DIFFICULTY:	Moderate
REFERENCES:	1.1 The Research Enterprise
KEYWORDS:	Bloom's: Analyze
	reviews documents on the National Institutes of Health website that describe issues the NIH wants to
	searchers. Eliza is most likely looking at
a. 1-	meta-analyses
b.	peer reviews
c. d.	evidence-based guidelines
ANSWER:	requests for proposals d
DIFFICULTY:	Moderate
REFERENCES:	1.2 Conceptualizing Research
KEYWORDS:	Bloom's: Analyze
	als with expertise in the field critique a paper that has been submitted for publication.
a.	meta-analyses
b.	peer reviews
c.	evidence-based guidelines
d.	requests for proposals
ANSWER:	b
DIFFICULTY:	Easy
REFERENCES:	1.2 Conceptualizing Research
KEYWORDS:	Bloom's: Understand
	s, meaning that much of it is concerned with developing, exploring, or testing the ideas that ve about how the world operates.
	a. theoretical
	b. empirical
	c. probabilistic
	d. causal
ANSWER:	a
DIFFICULTY:	Easy
REFERENCES:	1.3 The Language of Research
KEYWORDS:	Bloom's: Understand
23 Social research is	s, meaning it is based on observations and measurements of reality.
23. Social research is	a. theoretical
	b. empirical
	c. probabilistic
	d. causal
ANSWER:	b
DIFFICULTY:	Easy
REFERENCES:	1.3 The Language of Research

KEYWORDS:		Bloom's: Understand	
24. Social resear	ch is	meaning it is interested in cause and effect relationships.	
	a.	theoretical	
	b.	empirical	
	c.	probabilistic	
	d.	causal	
ANSWER:		d	
DIFFICULTY:		Easy	
REFERENCES:		1.3 The Language of Research	
KEYWORDS:		Bloom's: Understand	
25. Because ther	e is often	ror associated with measurement and other aspects of research, social research is	_•
	a.	theoretical	
	b.	empirical	
	c.	probabilistic	
	d.	causal	
ANSWER:		c	
DIFFICULTY:		Easy	
REFERENCES:		1.3 The Language of Research	
KEYWORDS:		Bloom's: Understand	
dementia progres	sses. She i a. b.	conducting research. descriptive relational	
	c.	theoretical	
	d.	causal	
ANSWER:		a	
DIFFICULTY:		Moderate	
REFERENCES:		1.3 The Language of Research	
KEYWORDS:		Bloom's: Analyze	
these effects mig	tht vary wi	ng certain types of computer games can have an impact on mood, and she wonders what age. She recruits a group of college-age adults, a group of middle-aged adults, and a sypothesis. Selah's research is best described as	
	a.	longitudinal	
	b.	cross-sectional	
	c.	repeated measures	
	d.	time series	
ANSWER:		b	
DIFFICULTY:		Moderate	
REFERENCES:		1.3 The Language of Research	
KEYWORDS:		Bloom's: Analyze	

28. What type of relationship occurs when two variables are synchronized?

	0.	cross sectional
	c.	causal
	d.	probabilistic
ANSWER:		a
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
29. What type of rof the other?	elationship	occurs when two variables are synchronized and the levels of one variable affect the levels
	a.	correlational
	b.	cross-sectional
	c.	causal
	d.	probabilistic
ANSWER:		С
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
30. A relationship	in which h	igher levels of one variable are associated with higher levels of another is best described as
	a.	positive
	b.	negative
	c.	curvilinear
	d.	accelerated
ANSWER:		a
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
KETWOKDS.		Bloom's. Onderstand
31. A relationship	in which h	igher levels of one variable are associated with lower levels of another is best described as
 •	a.	positive
	b.	negative
	c.	curvilinear
	d.	accelerated
ANSWER:		b
DIFFICULTY:		Easy
REFERENCES:		1.3 The Language of Research
KEYWORDS:		Bloom's: Understand
KLI II ONDS.		Diooni 3. Onderstand

correlational

cross-sectional

a.

b.

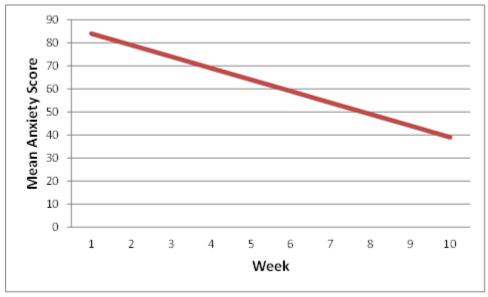


Figure TB 1-1

- 32. What type of relationship is shown in the accompanying figure?
 - a. no relationship
 - b. negative relationship
 - c. positive relationship
 - d. curvilinear relationship

ANSWER: b

DIFFICULTY: Moderate

REFERENCES: 1.3 The Language of Research

PREFACE NAME: Figure TB 1-1
KEYWORDS: Bloom's: Analyze

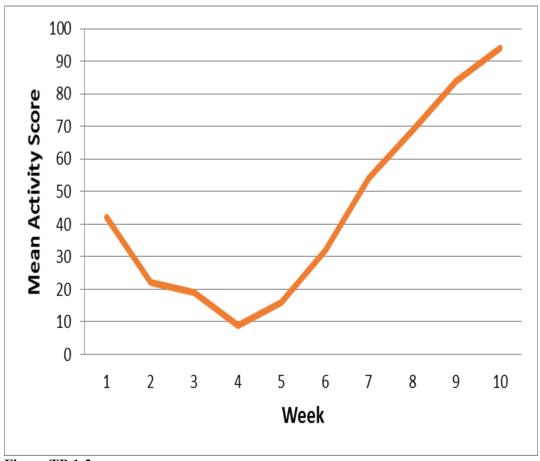


Figure TB 1-2

33. What type of relationship is shown in the accompanying figure?

a. no relationship

b. negative relationship

c. positive relationship

d. curvilinear relationship

ANSWER: d

DIFFICULTY: Moderate

REFERENCES: 1.3 The Language of Research

PREFACE NAME: Figure TB 1-2
KEYWORDS: Bloom's: Analyze

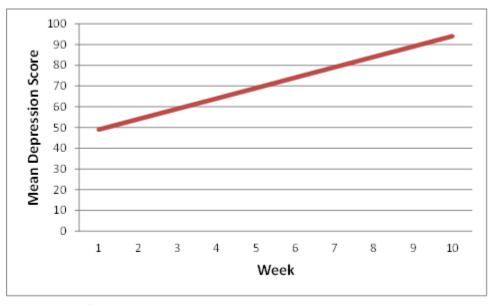


Figure TB 1-3

34. What type of relationship is shown in the accompanying figure?

a. no relationship

b. negative relationship

c. positive relationship

d. curvilinear relationship

ANSWER: c

DIFFICULTY: Moderate

REFERENCES: 1.3 The Language of Research

PREFACE NAME: Figure TB 1-3
KEYWORDS: Bloom's: Analyze

35. The "entity" being studied in research, whether a neuron, a person, a class, or a town, is best referred to as a(n) _____.

a. participant

b. unit of analysis

c. outcome

d. observational target

ANSWER: b
DIFFICULTY: Easy

REFERENCES: 1.3 The Language of Research

KEYWORDS: Bloom's: Understand

36. When the attributes for a variable are such that one, and only one, is applicable at a time, the attributes are said to be

.

a. mutually exclusive

b. quantitative

c. qualitative

d. exhaustive

ANSWER: a

DIFFICULTY: Easy

REFERENCES: 1.3 The Language of Research

KEYWORDS:			Bloom's: Understand
37. When all pobe	ossible a	answerable respon	ses are included as possible attributes for a variable, the list of attributes is said to
·	a.	mutually exc	elusive
	b.	quantitative	
	c.	qualitative	
	d.	exhaustive	
ANSWER:			d
DIFFICULTY:			Easy
REFERENCES	•		1.3 The Language of Research
KEYWORDS:			Bloom's: Understand
38. The is	a spec	ific statement of pr	rediction that usually states there is no effect of the experimental manipulation.
	a.	null hypothesis	
	b.	predictive hypo	othesis
	c.	alternative hyp	othesis
	d.	theoretical hyp	othesis
ANSWER:			a
DIFFICULTY:			Easy
REFERENCES	•		1.3 The Language of Research
KEYWORDS:			Bloom's: Understand
39. The is	a spec	ific statement of pr	rediction that usually states what is expected to happen in a study.
	a.	null hypothesis	
	b.	predictive hypo	othesis
	c.	alternative hyp	othesis
	d.	theoretical hyp	othesis
ANSWER:			c
DIFFICULTY:			Easy
REFERENCES	:		1.3 The Language of Research
KEYWORDS:			Bloom's: Understand
40. Reasoning t	that mo	_	observations to broader generalizations is referred to as
			inductive
			fallacious
			specious
		d.	deductive
ANSWER:			a
DIFFICULTY:			Easy
REFERENCES	:		1.3 The Language of Research
KEYWORDS:			Bloom's: Understand
41. Reasoning t	that mo		general to the more specific is referred to as
			inductive
		b. :	fallacious

		c. sp	ecious
		d. de	ductive
ANSWER:			d
DIFFICULTY:			Easy
REFERENCES	:		1.3 The Language of Research
KEYWORDS:			Bloom's: Understand
has undergone a	a series o		study that began when she was only two years old. Now in her late 20s, Bonita very six months for more than 25 years. The study in which Bonita is study.
	a.	repeated measure	es es
	b.	cross sectional	
	c.	time series	
	d.	independent mea	sures
ANSWER:			c
DIFFICULTY:			Moderate
REFERENCES	:		1.3 The Language of Research
KEYWORDS:			Bloom's: Analyze
43. The central	issue be	-	study is called the
	a. •	null hypothesis	
	b.	research question	
	c.	theoretical cons	
ANGWER	d.	operationalizati	
ANSWER:			b
DIFFICULTY:			Easy
REFERENCES.	:		1.4 The Structure of Research
KEYWORDS:			Bloom's: Understand
11 The act of t	ronglotin	a a construct into it	ts manifestation is called .
44. The act of the	ansiaum a.	hypothesizing	
	b.	statistical ana	
	c.	theorizing	1900
	d.	operationaliza	ation
ANSWER:	u.	operationaliza	d
DIFFICULTY:			Easy
REFERENCES			1.4 The Structure of Research
KEYWORDS:	•		Bloom's: Understand
TELL WOLLDS.			Broom 5. Chacrotana
	nes socia	l anxiety levels as s	ther levels of social anxiety will be more likely to spend more time on social scores on a common test of social anxiety. In defining it as a test score, Drew
	a.	hypothesized a	bout
	b.	analyzed	
	c.	theorized abou	t
	d.	operationalized	1
ANSWER:			d

### REFERENCES: ### AT The Structure of Research ### AT The Struct	DIFFICULTY:		Easy
46. In causal studies, the interest is in the effects of some cause on one or more	REFERENCES:		1.4 The Structure of Research
a. treatments b. constructs c. operations d. outcomes ANSWER: d DIFFICULTY: Easy REFERENCES: 1.4 The Structure of Research Bloom's: Understand 47. What type of validity is most concerned with whether there is a relationship between the variables? a. conclusion b. construct c. internal d. external ANSWER: a DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research KEYWORDS: Bloom's: Understand 48. What type of validity is most concerned with whether there is a causal relationship? a. conclusion b. construct c. internal d. external ANSWER: C a. conclusion b. construct c. internal d. external ANSWER: C ANSWER: C Bloom's: Understand 49. What type of validity is most concerned with whether there is a causal relationship? ANSWER: C DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research REYWORDS: Bloom's: Understand 49. What type of validity is most concerned with whether the results can be generalized to other persons, places, and times? a. conclusion b. construct c. internal d. external 49. What type of validity is most concerned with whether the results can be generalized to other persons, places, and times? a. conclusion b. construct c. internal d. external 4NSWER: A construct c. internal d. external ANSWER: B construct c. internal d. external ANSWER: A construct c. internal d. external ANSWER: A construct d. external ANSWER: A constru	KEYWORDS:		Bloom's: Analyze
b. constructs c. operations d. outcomes ANSWER: d DIFFICULTY: Easy REFERENCES: 1.4 The Structure of Research KEYWORDS: Bloom's: Understand 47. What type of validity is most concerned with whether there is a relationship between the variables? a. conclusion b. construct c. internal d. external ANSWER: a DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research KEYWORDS: Bloom's: Understand 48. What type of validity is most concerned with whether there is a causal relationship? a. conclusion b. construct c. internal d. external ANSWER: c DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research KEYWORDS: Bloom's: Understand 49. What type of validity is most concerned with whether the results can be generalized to other persons, places, artimes? 49. What type of validity is most concerned with whether the results can be generalized to other persons, places, artimes? a. conclusion b. construct c. internal d. external ANSWER: a a. conclusion b. construct c. internal d. external ANSWER: d DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research Legal Supplies and be generalized to other persons, places, artimes? 40. What type of validity is most concerned with whether the results can be generalized to other persons, places, artimes? a. conclusion b. construct c. internal d. external ANSWER: d DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research	46. In causal studies	s, the interest	is in the effects of some cause on one or more
c. operations d. outcomes ANSWER: ADIFFICULTY: Easy REFERENCES: L4 The Structure of Research KEYWORDS: Bloom's: Understand 47. What type of validity is most concerned with whether there is a relationship between the variables? a. conclusion b. construct c. internal d. external ANSWER: Bloom's: Understand ANSWER: Beasy REFERENCES: L5 The Validity of Research KEYWORDS: Bloom's: Understand 48. What type of validity is most concerned with whether there is a causal relationship? a. conclusion b. construct c. internal d. external ANSWER: c internal ANSWER: c bliefficulty: Beasy REFERENCES: L5 The Validity of Research KEYWORDS: Bloom's: Understand 49. What type of validity is most concerned with whether the results can be generalized to other persons, places, at times? a. conclusion b. construct c. internal d. external ANSWER: a. conclusion b. construct c. internal d. external ANSWER: a. conclusion b. construct c. internal d. external ANSWER: a. conclusion b. construct c. internal d. external ANSWER: d. Difficulty: Easy REFERENCES: 1.5 The Validity of Research		a.	treatments
d. outcomes ANSWER: d DIFFICULTY: Easy REFERENCES: 1.4 The Structure of Research KEYWORDS: Bloom's: Understand 47. What type of validity is most concerned with whether there is a relationship between the variables? a. conclusion b. construct c. internal d. external ANSWER: a DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research KEYWORDS: Bloom's: Understand 48. What type of validity is most concerned with whether there is a causal relationship? a. conclusion b. construct c. internal d. external ANSWER: c DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research KEYWORDS: Bloom's: Understand 49. What type of validity is most concerned with whether there is a causal relationship? ANSWER: c DIFFICULTY: Easy REFERENCES: 1.5 The Validity of Research KEYWORDS: Bloom's: Understand 49. What type of validity is most concerned with whether the results can be generalized to other persons, places, are times? a. conclusion b. construct c. internal d. external ANSWER: d DIFFICULTY: Easy REFERENCES: d DIFFICULTY: Easy		b.	constructs
ANSWER: d DIFFICULTY: Easy REFERENCES: 1.4 The Structure of Research KEYWORDS: Bloom's: Understand 47. What type of validity is most concerned with whether there is a relationship between the variables? a. conclusion b. construct c. internal d. external ANSWER: Bloom's: Understand 48. What type of validity is most concerned with whether there is a causal relationship? a. conclusion b. construct c. internal d. external ANSWER: Bloom's: Understand 49. What type of validity is most concerned with whether there is a causal relationship? a. conclusion b. construct c. internal d. external ANSWER: C. internal d. external d. external ANSWER: C. internal d. external d. external d. external d. external ANSWER: C. internal d. external ANSWER: J. 5 The Validity of Research		c.	operations
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### ACT What type of validity is most concerned with whether there is a relationship between the variables? a. conclusion b. construct c. internal d. external ### ANSWER: Bloom's: Understand ### ANSWER: C. internal d. external ### ANSWER: C. internal d. external ### ANSWER: C. internal d. external ### ANSWER: Bloom's: Understand ### ANSWER: C. internal d. external ### ANSWER: Bloom's: Understand ### ANSWER: C. internal d. external ### ANSWER: Bloom's: Understand ### ANSWER: C. internal d. construct itmes? ### ANSWER: Bloom's: Understand ### ANSWER: C. internal d. construct C. internal d. construct C. internal d. external ### ANSWER: ANSWER: ANSWER: C. internal DIFFICULTY: BEASY ### ANSWER: C. internal ANSWER: C. internal C. in	DIFFICULTY:		Easy
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REFERENCES: 1.5 The Validity of Research	ANSWER:		d
•	DIFFICULTY:		Easy
KEYWORDS: Bloom's: Understand	REFERENCES:		1.5 The Validity of Research
	KEYWORDS:		Bloom's: Understand

DIFFICULTY:

50. Chloe tests an intervention for kindergartners who become upset and refuse to attend school. She has found it works

well in the small rura schools. In doing so,		her first study and is now testing it in other settings such as the suburbs and in inner-city essing validity.
	a.	conclusion
	b.	construct
	c.	internal
	d.	external
ANSWER:		d
DIFFICULTY:		Difficult
REFERENCES:		The Validity of Research
KEYWORDS:		Bloom's: Analyze
Completion		
	is the	e macro-level effort to accumulate knowledge across multiple empirical systematic public
research projects.		was a will and a waite.
ANSWER:		research enterprise
DIFFICULTY:		Easy
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Understand
		s statistical methods to combine the results of similar studies quantitatively in order to
allow general conclu	sions to be i	
ANSWER:		meta-analysis
DIFFICULTY:		Easy
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Understand
53. A(n) select, assess, and su	focu	ises on a specific question or issue and uses specific preplanned methods to identify, e findings of multiple research studies.
ANSWER:		systematic review
<i>DIFFICULTY:</i>		Easy
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Understand
54. A(n)recommendations for recommendation.	is the practice the	the result of a systematic process that leads to a specific set of research-based at usually includes some estimates of how strong the evidence is for each
ANSWER:		guideline
DIFFICULTY:		Easy
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Understand
•	ilosophy tha	at holds that ideas evolve through the process of natural selection is
ANSWER:		evolutionary epistemology
DIFFICULTY:		Easy
REFERENCES:		1.1 The Research Enterprise
KEYWORDS:		Bloom's: Understand

56. Documents published by governr like researchers to address are called	nent agencies and some companies that describe some prob	olem that the agency would
ANSWER:	requests for proposals	
DIFFICULTY:	Easy	
REFERENCES:	1.2 Conceptualizing Research	
KEYWORDS:	Bloom's: Understand	
	2.00.11 0. 0.140.10.114	
57. A(n) is a system in a system is a system in	ematic compilation and written summary of all of the literatopic of interest.	ture published in scientific
ANSWER:	literature review	
DIFFICULTY:	Easy	
REFERENCES:	1.2 Conceptualizing Research	
KEYWORDS:	Bloom's: Understand	
58. A(n) hypothese predict the direction of the difference ANSWER:	sis simply predicts that the experimental and control groups.	s will differ, but does not
ANSWER.	two-tailed	
	two tailed	
DIFFICULTY:	Easy	
REFERENCES:	1.3 The Language of Research	
KEYWORDS:	Bloom's: Understand	
59. Top-down reasoning that works freasoning.	from the more general to the more specific is referred to as	
ANSWER:	deductive	
DIFFICULTY:	Easy	
REFERENCES:	1.3 The Language of Research	
KEYWORDS:	Bloom's: Understand	
60. Studies designed primarily to doo	eument what is going on or what exists are called	studies.
ANSWER:	descriptive	
DIFFICULTY:	Easy	
REFERENCES:	1.3 The Language of Research	
KEYWORDS:	Bloom's: Understand	
61. Studies designed to determine wh called studies.	nether one or more treatment variables affects one or more	outcome variables are
ANSWER:	causal	
DIFFICULTY:	Easy	
REFERENCES:	1.3 The Language of Research	
KEYWORDS:	Bloom's: Understand	
62. Bruce is conducting research abolevel data. He is most likely using	ut family interactions and wants to include both individual- modeling.	-level data and family-
ANSWER:	hierarchical	
DIFFICULTY:	Easy	

REFERENCES: 1.3 The Language of Research

KEYWORDS: Bloom's: Understand

63. The abstract idea or theory of what the outcome is in a cause-effect relationship you are investigating is referred to as

the _____.

ANSWER: effect construct

DIFFICULTY: Easy

REFERENCES: 1.5 The Validity of Research

KEYWORDS: Bloom's: Understand

64. The term used to discuss the quality of various conclusions reached based on a research project is

ANSWER: validity
DIFFICULTY: Easy

REFERENCES: 1.5 The Validity of Research

KEYWORDS: Bloom's: Understand

65. The degree to which the conclusions in a study would hold for other persons in other places and at other times is

referred to as ______.

ANSWER: external validity

DIFFICULTY: Easy

REFERENCES: 1.5 The Validity of Research

KEYWORDS: Bloom's: Understand

Essay

66. Draw and discuss the research-practice continuum, providing an example for each level.

ANSWER:

We can think of the research enterprise as encompassing a research-practice continuum within which translation occurs. In the course of moving through this continuum, it is likely that many individual research projects will be conducted. Some of these are what might be called basic research and are designed to generate discoveries and to understand their mechanisms better. For discoveries that relate to humans, this is usually followed by a series of applied research projects where the discovery is tested under increasingly controlled conditions with humans. If a discovery survives this applied research testing, there is usually a process of seeing how well it can be implemented in and disseminated to a broad range of contexts that extend beyond the original controlled studies. This is sometimes referred to as implementation and dissemination research. Ultimately, many such discoveries are assessed for the impacts they have broadly on society, what might be termed impact research. Sometimes discoveries lead to the development of new policies that are investigated with policy research in the broader population.

It is assumed that different discoveries take different pathways through this continuum. Some take longer to go through one stage or another. The bidirectional arrow in the figure is meant to convey that the translational process works in both directions. Sometimes insights from practitioners and policy makers can inform basic and applied researchers and improve their ability to transform their discoveries to better anticipate the real-world contexts that they will eventually need to be

implemented in.

DIFFICULTY: Moderate

REFERENCES: 1.1 The Research Enterprise

KEYWORDS: Bloom's: Understand

67. What is evidence-based practice and why does it matter?

ANSWER:

The interpositioning of a synthesis and guideline process in the middle of the research-practice continuum has transformed virtually every area of applied social research practice in our society. The term that is most associated with this change is evidence-based practice. It originated first in medicine as evidence-based medicine and then rapidly moved into other fields. Virtually every area of social practice today has an effort to integrate research and practice in this type of way. Evidence-based practice (EBP) is a movement designed to encourage or require practitioners to employ practices that are based on research evidence as reflected in research syntheses or practice guidelines. The EBP movement represents a major attempt of the research enterprise to achieve a better integration of research and practice.

DIFFICULTY: Moderate

REFERENCES: 1.1 The Research Enterprise

KEYWORDS: Bloom's: Understand

68. Define the term of research synthesis and describe the two major types.

ANSWER:

A research synthesis is a systematic study of multiple prior research projects that address the same research question or topic and summarize the results in a manner that can be used by practitioners. There are two major types of research syntheses. A meta-analysis uses statistical methods to combine the results of similar studies quantitatively in order to allow general conclusions to be made. A systematic review is a research synthesis approach that focuses on a specific question or issue and uses specific preplanned methods to identify, select, assess, and summarize the findings of multiple research studies. It may or may not include a meta-analysis (a quantitative synthesis of results). Often, a systematic review involves a panel of experts who discuss the research literature and reach conclusions about how well a discovery works to address a problem or issue. So, while a meta-analysis is always a quantitative synthesis, a systematic review may be a judgmental expert-driven synthesis, a meta-analysis, or both.

DIFFICULTY: Moderate

REFERENCES: 1.1 The Research Enterprise

KEYWORDS: Bloom's: Understand

69. Define and provide examples of descriptive, relational, and causal studies.

ANSWER:

Descriptive studies are designed primarily to document what is going on or what exists. Public opinion polls that seek to describe the proportion of people who hold various opinions are primarily descriptive in nature. For instance, if you want to know what percentage of the population would vote for a Democrat or a Republican in the next presidential election, you are simply interested in describing something.

Relational studies look at the relationships between two or more variables. A public opinion poll that compares the proportion of males and females who say they would vote for a Democratic or a Republican candidate in the next presidential election is essentially studying the relationship between gender and voting preference.

Causal studies are designed to determine whether one or more variables (for example, a program or treatment variable) causes or affects one or more outcome variables. If you performed a public opinion poll to try to determine whether a recent political advertising campaign changed voter preferences, you would essentially be studying whether the campaign (cause) changed the proportion of voters who would vote Democratic or Republican (effect).

DIFFICULTY: Moderate

REFERENCES: 1.3 The Language of Research

KEYWORDS: Bloom's: Understand

70. Identify and describe the four types of validity described in your text.

ANSWER: Conclusion Validity: In this study, is there a relationship between the two variables? For the example

at hand, this question might be worded: in this study, is there a relationship between the website and knowledge of course material? There are several conclusions or inferences you might draw to answer such a question. You could, for example, conclude that there is a relationship. You might conclude that there is a positive relationship. You might infer that there is no relationship. When you assess the validity of each of these conclusions or inferences, you are addressing conclusion validity.

Internal Validity: Assuming that there is a relationship in this study, is the relationship a causal one? Just because you find that use of the website and knowledge are correlated, you can't necessarily assume that the website use causes the knowledge. Both could, for example, be caused by the same factor. For instance, it may be that wealthier students, who have greater resources, would be more likely to have access to a website and would excel on objective tests. When you want to make a claim that your program or treatment caused the outcomes in your study, and not something else, you are assessing the validity of a causal assertion and addressing internal validity.

Construct Validity: Assuming that there is a causal relationship in this study, can you claim that the program reflected well your construct of the program and that your measure reflected well your idea of the construct of the measure? In simpler terms, did you implement the program you intended to implement, and did you measure the outcome you wanted to measure? In yet other terms, did you operationalize well the ideas of the cause and the effect? Is the website what you intended it would be? Does it look like and work the way you theoretically imagined it would? Does it have the content you thought it should? When your research is over, you would like to be able to conclude that you did a credible job of operationalizing your constructs—that you can provide evidence for the construct validity of such a conclusion.

External Validity: Assuming that there is a causal relationship in this study between the constructs of the cause and the effect, can you generalize this effect to other persons, places, or times? Would a virtual classroom work with different target groups at different times, on different subject matters? You are likely to make some claims that your research findings have implications for other groups and individuals in other settings and at other times. When you do, you need to address the external validity of these claims.

DIFFICULTY: Moderate

REFERENCES: 1.5 The Validity of Research

KEYWORDS: Bloom's: Understand