

Test Bank for Research Methodology
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Research Methodology (1st)

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Total Questions: 44

Multiple Choice (24)

Q1. [Multiple Choice] · Cognitive Domain: Knowledge

Who popularized physics and made it more accessible to the general public?

- a) Darley
- b) Santillana
- c) Feynman ✓ correct
- d) Likert

Q2. [Multiple Choice] · Cognitive Domain: Knowledge

The social and behavioral sciences include marketing, management, and _____.

- a) biology
- b) education ✓ correct
- c) chemistry
- d) statistics

Q3. [Multiple Choice] · Cognitive Domain: Knowledge

What did Feynman warn us about?

- a) experimentation
- b) validation
- c) hypothesis
- d) psuedoscience ✓ correct

Q4. [Multiple Choice] · Cognitive Domain: Comprehension

Social and behavioral sciences were initially driven by _____.

- a) data collection and measurement
- b) problems and phenomena ✓ correct
- c) measurement and problems
- d) data analysis and phenomena

Q5. [Multiple Choice] · Cognitive Domain: Analysis

Which of the following is true about social science?

- a) Initial enthusiasm became a greater emphasis on methods. ✓ correct
- b) It was never obsessed with methodology.
- c) It places more emphasis on theory than on research methods.
- d) It ensures that the methods are entirely trustworthy before claiming a discovery.

Q6. [Multiple Choice] · Cognitive Domain: Comprehension

Which of the following is becoming more relevant for the general public?

- a) scientific approach
- b) methods ✓ correct
- c) nanotechnology
- d) the variables

Q7. [Multiple Choice] · Cognitive Domain: Knowledge

Which research methodology period saw the formation of many of the modern-day methodological concepts and techniques?

- a) first (mid 1920s)
- b) fourth (1970 through 1989)
- c) **third (through 1970) ✓ correct**
- d) fifth (recent past)

Q8. [Multiple Choice] · Cognitive Domain: Knowledge

During which years was the dominant research paradigm atheoretical?

- a) **1917–1925 ✓ correct**
- b) 1946–1969
- c) 1970–1989
- d) 1990–present

Q9. [Multiple Choice] · Cognitive Domain: Comprehension

What took center stage during the Baby Boom?

- a) self-report
- b) inferential statistics
- c) policy capturing
- d) **measurement ✓ correct**

Q10. [Multiple Choice] · Cognitive Domain: Knowledge

_____ represented a significant turning point, leading to a belief that it is possible to draw conclusions about mean relations across studies.

- a) Correlational analysis
- b) **Validity generalizations ✓ correct**
- c) Statistical significance testing
- d) Discrimination parameters

Q11. [Multiple Choice] · Cognitive Domain: Comprehension

Which of the following is a quantitative research design category?

- a) **exploratory ✓ correct**
- b) reliability
- c) banding
- d) modeling

Q12. [Multiple Choice] · Cognitive Domain: Comprehension

_____ is one of the quantitative-measurement research design categories.

- a) Sampling
- b) **Reliability ✓ correct**
- c) Correlation
- d) Modeling

Q13. [Multiple Choice] · Cognitive Domain: Comprehension

Z-tests and t-tests are examples of _____.

- a) quantitative measurement
- b) **quantitative data analysis ✓ correct**
- c) qualitative data analysis
- d) qualitative measurement

Q14. [Multiple Choice] · Cognitive Domain: Comprehension

Which of the following is a category of qualitative measurement?

- a) reliability ✓ correct
- b) concept mapping
- c) interpretive
- d) case studies

Q15. [Multiple Choice] · Cognitive Domain: Comprehension

_____ is both a qualitative research design and a qualitative analysis topic.

- a) Paper and pencil
- b) Archival data
- c) Policy capturing ✓ correct
- d) Survey

Q16. [Multiple Choice] · Cognitive Domain: Comprehension

_____ is an example of a qualitative research design.

- a) Conjoint analysis
- b) Multisource ratings
- c) Ethnography ✓ correct
- d) Reliability

Q17. [Multiple Choice] · Cognitive Domain: Comprehension

Which of the following is the most popular quantitative data analysis category?

- a) missing data
- b) multilevel research
- c) multiple regression/correlation ✓ correct
- d) structural equation modeling

Q18. [Multiple Choice] · Cognitive Domain: Comprehension

Which of the following is the most popular quantitative research design?

- a) missing data
- b) temporal issues
- c) survey ✓ correct
- d) electronic/web research

Q19. [Multiple Choice] · Cognitive Domain: Comprehension

Which of the following is the most popular quantitative-measurement category?

- a) scale development
- b) reliability
- c) validity ✓ correct
- d) measurement invariance

Q20. [Multiple Choice] · Cognitive Domain: Comprehension

Which of the following is the most popular qualitative analysis topic?

- a) action research
- b) interpretive ✓ correct
- c) content analysis
- d) surveys and reliability

Q21. [Multiple Choice] · Cognitive Domain: Comprehension

Which of the following is found most frequently in quantitative articles on data analysis?

- a) temporal issues
- b) multilevel research ✓ correct**
- c) content analysis
- d) surveys

Q22. [Multiple Choice] · Cognitive Domain: Knowledge

Which of the following would design a study, form a hypotheses, test it, refine it, and retest until a solution was triangulated?

- a) constructive replication ✓ correct**
- b) embracing methods to study the exceptionally good and bad
- c) shifting emphasis toward research design and measurement
- d) increased theory specificity

Q23. [Multiple Choice] · Cognitive Domain: Knowledge

Because exceptional cases are rare, which of the following is true?

- a) estimating probability reliability works well
- b) finding large samples of them to use is impossible ✓ correct**
- c) conducting SEM analysis is easy
- d) measuring significance through pass/fail is required

Q24. [Multiple Choice] · Cognitive Domain: Application

A Registered Reports model is an example of _____.

- a) constructive replication
- b) embracing methods to study the exceptionally good and bad
- c) shifting emphasis toward research design and measurement ✓ correct**
- d) increased theory specificity

True/False (10)

Q25. [True/False] · Cognitive Domain: Knowledge

The social and behavioral sciences try to understand human relationships and analyze the complicated relationships between people, which involve a volatile and unpredictable human element.

- a) True ✓ correct**
- b) False

Correct answer: True

Q26. [True/False] · Cognitive Domain: Knowledge

Feynman concluded that researchers had yet to learn from their methodological mistakes and were doomed to repeat them.

- a) True
- b) False ✓ correct**

Correct answer: False

Q27. [True/False] · Cognitive Domain: Comprehension

Multiple regression and the beginning of more complex prediction models appeared during the Baby Boom era.

- a) True
- b) False ✓ correct**

Correct answer: False

Q28. [True/False] · Cognitive Domain: Knowledge

During World War II, there was a shift from discovery to hypothesis testing.

a) True ✓ correct

b) False

Correct answer: True

Q29. [True/False] · Cognitive Domain: Knowledge

Structural equation modeling was a fundamental tool for understanding dimensionality.

a) True ✓ correct

b) False

Correct answer: True

Q30. [True/False] · Cognitive Domain: Comprehension

Personal experience is a quantitative data analysis topic.

a) True

b) False ✓ correct

Correct answer: False

Q31. [True/False] · Cognitive Domain: Comprehension

Concept mapping is a qualitative analysis topic.

a) True ✓ correct

b) False

Correct answer: True

Q32. [True/False] · Cognitive Domain: Comprehension

In terms of quantitative topics, there are downward trends regarding surveys and electronic/Web research (design), level of analysis of the dependent variable and validity (measurement), and multilevel research (analysis).

a) True

b) False ✓ correct

Correct answer: False

Q33. [True/False] · Cognitive Domain: Comprehension

Regarding qualitative topics, the attention devoted to interpretive and action research has increased with time.

a) True ✓ correct

b) False

Correct answer: True

Q34. [True/False] · Cognitive Domain: Comprehension

Constructive replication and repetition are the same thing.

a) True

b) False ✓ correct

Correct answer: False

Essay (10)

Q35. [Essay] · Cognitive Domain: Comprehension

What will help determine whether a conclusion is trustworthy?

Suggested answer: Sample response: Answers may vary.

Q36. [Essay] · Cognitive Domain: Analysis

Describe how meta-analysis and structural equation modeling influenced data analysis.

Suggested answer: Sample response: Answers may vary.

Q37. [Essay] · Cognitive Domain: Comprehension

Identify three qualitative research designs, three qualitative measurement categories, and three qualitative analysis topics.

Suggested answer: Sample response: Answers may vary.

Q38. [Essay] · Cognitive Domain: Comprehension

What are the qualitative methodological trends?

Suggested answer: Sample response: Answers may vary.

Q39. [Essay] · Cognitive Domain: Comprehension

What are the five issues likely to have the most impact on the trustworthiness of future research methods?

Suggested answer: Sample response: Answers may vary.

Q40. [Essay] · Cognitive Domain: Analysis

How are the social and behavioral sciences able to demonstrate credibility?

Suggested answer: Sample response: Answers may vary.

Q41. [Essay] · Cognitive Domain: Application

Using examples, identify the themes that emerged in social and behavioral science methods.

Suggested answer: Sample response: Answers may vary.

Q42. [Essay] · Cognitive Domain: Application

Give examples of three quantitative research designs, three quantitative measurements, and three quantitative data analysis categories.

Suggested answer: Sample response: Answers may vary.

Q43. [Essay] · Cognitive Domain: Application

Give an example of a study design, measurement, and data analysis that would be found in a quantitative article.

Suggested answer: Sample response: Answers may vary.

Q44. [Essay] · Cognitive Domain: Application

Choose one of the five issues likely to have the most impact on the trustworthiness of future research methods and describe why it is an issue and how it can be resolved.

Suggested answer: Sample response: Answers may vary.