

Quiz Grade: 90.0% (A)

Quiz Submission

Mixed-Methods Research Design 101

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Total Questions: 10

Course Information

Course Title: Mixed-Methods Research Design 101
Course Code: SCMRE 667
Credit Hours: 3

Quiz Questions, Student Answers, and Correct Answers

Question 1 of 10

Multiple Choice Question

What is the primary purpose of mixed-methods research?

Available Options:

- (A) To use only qualitative methods
- (B) To combine qualitative and quantitative methods ← STUDENT SELECTED ← CORRECT ANSWER**
- (C) To focus solely on numerical data
- (D) To conduct research without a hypothesis

Student's Answer: Option B: To combine qualitative and quantitative methods

Correct Answer: Option B: To combine qualitative and quantitative methods

Question 2 of 10

Multiple Choice Question

Which of the following is NOT a characteristic of mixed-methods research?

Available Options:

- (A) Integration of data
- (B) Emphasis on a single method ← STUDENT SELECTED ← CORRECT ANSWER**
- (C) Use of both qualitative and quantitative techniques
- (D) Flexibility in research design

Student's Answer: Option B: Emphasis on a single method

Correct Answer: Option B: Emphasis on a single method

Question 3 of 10

Multiple Choice Question

In mixed-methods research, what is triangulation?

Available Options:

(A) Using three different theories

(B) Combining multiple sources of data to increase validity ← STUDENT SELECTED ← CORRECT ANSWER

(C) Conducting three separate studies

(D) Applying three statistical tests

Student's Answer: Option B: Combining multiple sources of data to increase validity

Correct Answer: Option B: Combining multiple sources of data to increase validity

Question 4 of 10

Multiple Choice Question

When designing a mixed-methods study, which framework can be used for integration?

Available Options:

(A) Parallel framework

(B) Sequential framework

(C) Complementary framework

(D) All of the above ← STUDENT SELECTED ← CORRECT ANSWER

Student's Answer: Option D: All of the above

Correct Answer: Option D: All of the above

Question 5 of 10

Multiple Choice Question

Which phase of a mixed-methods research design typically begins first?

Available Options:

(A) Quantitative phase ← STUDENT SELECTED

(B) Qualitative phase ← CORRECT ANSWER

(C) Integration phase

(D) Analysis phase

Student's Answer: Option A: Quantitative phase

Correct Answer: Option B: Qualitative phase

Question 6 of 10

Multiple Choice Question

What is the main advantage of qualitative data in mixed-methods research?

Available Options:

(A) It provides statistical evidence

(B) It captures complex human experiences ← STUDENT SELECTED ← CORRECT ANSWER

(C) It is easier to analyze

(D) It requires less time to collect

Student's Answer: Option B: It captures complex human experiences

Correct Answer: Option B: It captures complex human experiences

Question 7 of 10

Multiple Choice Question

How can mixed-methods research contribute to policy-making?

Available Options:

(A) It provides concise insights from surveys

(B) It generates narratives that quantify data

(C) It offers a comprehensive view by combining both qualitative and quantitative data ← STUDENT SELECTED ← CORRECT ANSWER

(D) It focuses only on numerical outcomes

Student's Answer: Option C: It offers a comprehensive view by combining both qualitative and quantitative data

Correct Answer: Option C: It offers a comprehensive view by combining both qualitative and quantitative data

Question 8 of 10

Text Answer Question

What ethical considerations should be taken into account when conducting mixed-methods research?

Student's Answer:

When conducting mixed-methods research, researchers should consider ethical issues across both the quantitative and qualitative components. Key considerations include informed and voluntary consent, confidentiality and privacy, protection from harm, secure data management, and the participant's right to withdraw. Researchers should also ensure fair participant selection, transparency about how different types of data will be collected and integrated, protection of participants' identities when datasets are combined, and appropriate ethical approval. Particular care is needed when working with vulnerable groups or sensitive information.

Correct Answer:

Ethical considerations include obtaining informed consent from participants, ensuring confidentiality, and being transparent about the use of both qualitative and quantitative methods to avoid misrepresentation.

Question 9 of 10

Text Answer Question

Discuss the importance of researcher reflexivity in mixed-methods studies.

Student's Answer:

Researcher reflexivity is important in mixed-methods studies because researchers' backgrounds, assumptions, experiences, and perspectives can influence how they collect, analyze, integrate, and interpret both quantitative and qualitative data. By continuously reflecting on these influences, researchers can identify and reduce potential bias and make their methodological decisions more transparent. Reflexivity is important when integrating quantitative and qualitative findings. This is because the researcher must decide how different or even conflicting results are interpreted. Maintaining reflective notes, documenting key decisions, and considering alternative explanations can therefore improve the credibility, transparency, ethical integrity, and overall quality of mixed-methods research.

Correct Answer:

Researcher reflexivity is crucial as it helps the researcher recognize their biases and perspectives, which can influence data collection and interpretation. It enhances the validity of the research findings by ensuring that the researcher remains aware of their impact on the study.

Question 10 of 10

Text Answer Question

In your opinion, what are the challenges of integrating qualitative and quantitative findings in mixed-methods research?

Student's Answer:

Integrating qualitative and quantitative findings in mixed-methods research can be challenging because the two approaches use different types of data, analytical methods, and perspectives. Difficulties may arise when findings are inconsistent or contradictory, when one type of evidence is given greater importance than the other, or when it is unclear how the datasets should be combined and interpreted. Integration can also require additional time, methodological expertise, and resources. Careful planning, transparent integration methods, researcher reflexivity, and systematic comparison of findings are therefore essential for producing credible and meaningful conclusions.

Correct Answer:

Challenges include potential conflicts between qualitative insights and quantitative data, difficulties in finding common ground for integration, and the need for different analytical skills to handle varying types of data.