



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja
Faculty of Education
2025_2 EXAMINATIONS

PROGRAMME: MASTERS IN EDUCATION
COURSE TITLE: EDUCATIONAL RESEARCH METHODS
COURSE CODE: EDU823
CREDIT UNIT(S): 3
TIME ALLOWED: 3 HOURS
INSTRUCTION: ANSWER QUESTION NO. ONE (1) AND ANY OTHER THREE (3) QUESTIONS

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Question 1

Create a mixed-methods research design to study how using technology in classrooms affects student engagement and learning outcomes. Include your research questions, methods, and how you will combine qualitative and quantitative data.

(Question 1 = 25 marks, 60 minutes)

Question 2

Discuss the role of libraries in how information is stored and accessed over time. How has this change affected how people conduct literature reviews?

(Question 2 = 15 marks, 40 minutes)

Question 3

If a researcher is studying how students interact socially in an urban high school, how should they use ethnography to ensure the study is objective and valid? Describe the steps, including selecting participants, collecting data, and analyzing results.

(Question 3 = 15 marks, 40 minutes)

Question 4

- a. Explain how primary sources are used in historical research.
- b. Give examples of primary sources and why they are important for maintaining study integrity.

(Question 4 = 15 marks, 40 minutes)

Question 5

Describe how a static group comparison design can be used to evaluate the effect of a new teaching method on student performance. Provide a hypothetical example.

(Question 5 = 15 marks, 40 minutes)

Question 6

Explain how to use systematic sampling to select a group of students from a list of 10,000 to study their academic performance. Describe the steps and how to ensure the sample is representative.

(Question 6 = 15 marks, 40 minutes)