

NATIONAL UNIVERSITY OF LESOTHO
GES 3561/3507-14 – RESEARCH METHODS
SUPPLEMENTARY EXAMINATIONS

AUGUST 2023

MARKS: 100

TIME: 3 HOURS

INSTRUCTIONS: Answer any four questions. Where necessary, illustrate your answers with diagrams

Question 1

Outline any four (4) difficulties/challenges which can make research design poor. **[25]**

Question 2

State the most likely independent and dependent variables in the following studies:

- a. Peer interactions in children with autism [6]
 - b. The effect of participation in school sports on the social skills of mentally challenged adolescents [6]
 - c. The effect of an early intervention program on the academic achievement of children from low-income families [6]
 - d. The influence of an antismoking program on the attitudes of middle school students toward smoking [7]
- 25]**

Question 3

An 'understanding of the status of research in problem area' is one of the most important feature of literature review. Briefly describe any four (4) specific values of this function to the researcher. [25]

Question 4

What research methodology (*ex post facto, survey experimental, quantitative/qualitative, historical, correlational etc.*) do you believe would be the most appropriate for investigating each of the following research questions? {*DO NOT RE-WRITE THE SENTENCE, JUST WRITE THE NAME OF THE APPROPRIATE RESEARCH METHODOLOGY*}

- a. How do parents conduct home schooling? [3]
- b. Does collaborative learning promote achievement in the college classroom? [3]
- c. What is the relationship between vocabulary and reading achievement in the primary grades? [3]
- d. Do parents support character education in the middle school curriculum? [4]
- e. What is the relationship between teachers' undergraduate background (education versus liberal arts) and certain measures of competence in the classroom? [3]

f. How did educational reforms of junior high school lead to development of the middle school? [3]

g. What is the influence of family composition on children's conformity to the student role? [3]

h. What kind of education do students receive in a church-sponsored Christian high school? [3]

[25]

Question 5

Describe any four conditions which should be met in order to determine whether or not a research problem exists. **[25]**

Question 6

Describe any four (4) disadvantages of Focus Group Discussions. **[25]**