

UNIVERSITY OF SWAZILAND

FACULTY OF HEALTH SCIENCES

FINAL EXAMINATION MAY

2021

TITLE OF PAPER: RESEARCH METHODS IN NURSING

COURSE CODE: GNS 601 / MWF 601

TIME ALLOWED: THREE (3) HOURS

PAGES TWO (2) COVER PAGE

MARKS: 100

INSTRUCTIONS:

1. ENSURE THAT YOU ARE WRITING THE EXAM FOR THE COURSE IN WHICH YOU ARE REGISTERED.
2. THERE ARE FOUR (4) QUESTIONS IN THIS PAPER.
3. ANSWER ALL FOUR (4) QUESTIONS.
4. SHOW ALL YOUR WORK.
5. WRITE LEGIBLE.
6. THIS PAPER IS NOT TO BE OPENED UNTIL THE INVIGILATOR HAS GRANTED PERMISSION.

QUESTION 1

Write your proposed research title / topic.

- A. State the paradigm which your proposed title/ topic is consistent with. (2)
- B. Identify and describe two (2) strengths of your paradigm in A. (4)
- C. Identify and describe two (2) weaknesses of your paradigm in A. (4)
- D. In one paragraph articulate your research problem. (3)
- E. What is the purpose / goal of your proposed study? (2)
- F. Which research approach will be appropriate for your purpose / goal? (2)
- G. Justify your response in E. (3)
- H. Which sampling strategy will be congruent with your research approach? (2)
- I. What could be your research title / topic if you were to state it in an interrogative manner? (3)

SUB-TOTAL = 25 MARKS

QUESTION 2

A. You are conducting a study in which you want to get in-depth information on the experiences on online learning of Form 5 pupils that completed in 2020.

Identify and describe four (4) strategies on how you will maintain rigor in your study. (8)

B. There are several sources of knowledge in nursing.

- (i) Among these different sources of knowledge, which one do you think is the best source, and why? (3)
- (ii) What are the three (3) characteristics of the source of knowledge that you mentioned in (i)? (6)
- (iii) Describe four (4) limitations / weaknesses of the source of knowledge in (i) (8)

SUB-TOTAL = 25 MARKS

QUESTION 3

- A. Differentiate tool reliability from tool validity. (4)
- B. How does Type 1 error differ from Type II error? (4)
- C. In research which of the errors in (B) is better to commit? Justify your response. (2)
- D. Differentiate internal from external validity in research. (4)
- E. Describe two (2) threats to internal validity (4)
- F. How could you prevent each of the threats in (E)? (3)
- G. Compare and contrast Hawthorne effect and “John Henry” effect. (4)

SUB-TOTAL = 25 MARKS

QUESTION 4

Read the literature review below:

Contraception has the ability to control and attain individuals with desired number of children, spacing and timing of birth (Nyarka, 2015). A study carried out in Kenya reported that contraceptive use reduces poverty and grant adolescents with the ability to attain higher education and obtain better economic opportunities (Warira, 2015). The UNFPA, (2016) reported that contraceptive use among adolescent girls reduces economic burden on poor families and break the cycle of poverty as adolescents will be educated. Contraceptive helps enhancing environmental sustainability (Roijmans&Postma, 2016).

- A. Synthesize or write the literature review above in an integrated format (8)
- B. Describe three (3) pitfalls of writing a literature review (5)
- C. Why would you opt for empirical than non-empirical literature review (2)
- D. Explain how you will ascertain that each of the following ethical principles is maintained in your study:
 - (i) Respect for persons (4)
 - (ii) Justice (3)
 - (iii) Beneficence (3)

SUB-TOTAL = 25 MARKS