

**UNIVERSITY OF SWAZILAND**

**FACULTY OF HEALTH SCIENCES**

**FINAL EXAMINATION NOVEMBER/DECEMBER 2019**

**TITLE OF PAPER: RESEARCH METHODS IN NURSING**

**COURSE CODE: GNS 601 / MWF 601**

**TIME ALLOWED: THREE (3) HOURS**

**MARKS: 100**

**INSTRUCTIONS:**

- 1. THERE ARE FOUR (4) QUESTIONS IN THIS PAPER**
- 2. ANSWER ALL FOUR (4) QUESTIONS**
- 3. EACH QUESTION IS ALLOCATED 25 MARKS**
- 4. WRITE LEGIBLE**

**THIS PAPER IS NOT TO BE OPENED UNTIL THE INVIGILATOR HAS GRANTED PERMISSION.**

**QUESTION 1**

There are various methods of developing nursing knowledge. Critique the following methods of developing or acquiring nursing knowledge:

- |                    |      |
|--------------------|------|
| A. Scientific      | (15) |
| B. Traditional     | (5)  |
| C. Trial and error | (5)  |

**TOTAL = 25 MARKS**

**QUESTION 2**

A. Identify and describe (any three) the pressing need for research in nursing (exclude: describe, explain, explore, predict, control?) (6)

A. You are interested in studying the relationship between satisfaction with deployment and stress. However, you realize that there are several confounding variables to your phenomena.

- (i) Identify any two confounding variables to studying the relationship between satisfaction with deployment and stress. (2)
- (ii) How is it a problem in having confounding variables in your study (4)
- (iii) Describe two (2) ways by which you will deal with the confounding variables. (4)

B. Compare and contrast the positivism with the naturalistic paradigm. (10)

**TOTAL = 25 MARKS**

**QUESTION 3**

Describe the strengths and weaknesses of the following research designs:

- |                      |     |
|----------------------|-----|
| A. True experimental | (8) |
|----------------------|-----|

- B. Phenomenological (5)
- C. Correlational (6)
- D. Ethnographic (6)

**TOTAL = 25 MARKS**

#### **QUESTION 4**

- A. You are interested in conducting a qualitative study.
- (i) What do you understand by rigor in qualitative research? (1)
  - (ii) Explain how rigor is achieved in qualitative research. (12)
- B. Two years down the line you experienced 'paradigm shift' and you wanted to conduct a quantitative study:
- (i) Differentiate between internal and external validity. (4)
  - (ii) Describe two (2) threats to your study's internal validity. (4)
  - (iii) Explain measures by which you will control the threats described in (ii) above

**TOTAL = 25 MARKS**