



27 DEC 2018

The Open University of Sri Lanka
 Department of Nursing
 B.Sc. (Hons) in Nursing - Level 6
 NGU6311-Research in Nursing
 No Book Test 02 – 2018/2019

Student Reg. No	:	Date	: 27 th December 2018
Duration	: 01 hour	Time	: 3.00 pm – 4.00 pm

Please read the following instructions carefully before you answer the question paper.

Answer all questions

Part A - Multiple Choice Questions (10 marks)

There are **10 Multiple Choice Questions** in this paper and each question or statement below contains four responses. Select the best response to each question and indicate the answer by circling the correct letter.

Part B - Matching Questions – (10 marks)

Part C - Short Answer Questions. Write answers to all within the given space (60 marks)

Part D - Structured Essay Questions. Write answers within the given space (20 marks)

(Marking Purposes Only)	
Part A	
Part B -	
Part C -	
Part D -	
Total	

Part A - Multiple Choice Questions (10 marks)

1. What is the purpose of grounded theory?
 - a) To support theoretical frameworks
 - b) To generate theory from data
 - c) To develop explanatory models
 - d) To find significant differences among groups of people

2. The research that use to develop or test theories is known as:
 - a) Basic research
 - b) Applied research
 - c) Explanatory research
 - d) Descriptive research

3. Which of the following is **true** about features of experimental research design?
 - a) Manipulation, control group, randomization
 - b) Manipulation, but no control group or randomization
 - c) No manipulation of independent variable
 - d) Use of correlational approach

4. Which statement best describes qualitative research?
 - a) Studies are conducted in natural settings.
 - b) Data are collected from a large number of subjects.
 - c) Data collected tend to be numeric.
 - d) The research design is systematic and objective.

5. Quantitative research tests theory by examining cause and effect among variables is known as:
 - a) Experimental research
 - b) Correlational research
 - c) Non-experimental research
 - d) Qualitative research

6. What is the significant characteristic of a qualitative sample?
 - a) Randomization
 - b) Large number of subjects
 - c) Representativeness
 - d) Small number of subjects

7. What is the study design that is required a hypothesis?
- Correlational study
 - Survey study
 - Experimental study
 - Descriptive study
8. What is the dependent variable of following research question?
"Does the type of health care provider have impact on hypertension care in adult women?"
- Type of health care provider
 - Hypertension
 - Adult women
 - 24-hour systolic and diastolic blood pressure readings
9. What are the mechanisms for maintaining ethical standard in a research study?
- Freedom from exploitation, benefits from research and risk/benefit Ratio
 - The right of self-determination and the right to full disclosure
 - The right to fair treatment and the right to privacy
 - Informed consent, considering vulnerable subjects and review boards
10. If you want to conduct an experimental study, what do you initially need to consider?
- Review the available literature.
 - Identify the appropriate research hypothesis.
 - Identify funding opportunities.
 - Concern about the potential ethical issues.

Part B – Matching Questions (10 marks)

Match each word or phrase given in the left column with one of the most suitable descriptions given in the right column. Indicate the letter corresponding to your response in the give space. (Within brackets)

- | | | |
|-----------------------------|-----|---|
| 1. True experimental design | () | (a) Discussion and conclusions |
| 2. Population | () | (b) Pregnant women. |
| 3. Interpretive phase | () | (c) Cultural studies |
| 4. Strength of the design. | () | (d) Experience and interest |
| 5. Random Sampling | () | (e) Evaluation criteria for hypothesis |
| 6. Empiricism | () | (f) Evidence is gathered through human senses |
| 7. Vulnerable subject | () | (g) The method of equal opportunity |
| 8. Justifiable | () | (h) Time, setting, & reasoning |
| 9. Research problem | () | (i) Control, manipulation & randomization |
| 10. Ethnography | () | (j) An entire set of elements |

Part C - Short Answer Questions. Write answers to all within the given space (60 marks)

1.) **1.1** There are **two (02)** main sampling methods. What are they? **(04 marks)**

i

ii

1.2 One main sampling method more focused on quantitative research which consist **four** types. List **four (04)** of them. **(04 marks)**

i ii

iii iv

1.3 One main sampling method more focused on qualitative research which consist **four** types. List **four (04)** of them. **(04 marks)**

i ii

iii iv

1.4 There are **four** basic sampling concepts. List **four (04)** of them. **(04 marks)**

i ii

iii iv

1.5 List **four (04)** techniques that can be used to select the subjects under the simple random sampling method. **(04 marks)**

i ii

iii iv

2.) 2.1 Hypothesis can be described using **four (04)** different categories. What are they?
(04 marks)

- i ii
- iii iv

2.2 What are the main **two (02)** criteria that can be used to evaluate a hypothesis?
(04 marks)

- i
- ii

2.3 List **three (03)** research designs that can be used in quantitative non-experiment research studies. (03 marks)

- i ii
- iii

2.4 What are the important characteristics of true experimental research design? (03 marks)

- i
- ii
- iii

2.5 List **three (03)** research designs that can be used in qualitative non-experiment research studies. (06 marks)

- i
- ii
- iii

3.) **3.1** What are the major areas that can be focused when conducting research studies? List **four (04)** of them. **(04 marks)**

i ii.....

iiiiv.....

3.2 Feasibility involves several factors which the researcher needs to consider prior to the commencement of the research study. What are they? **(04 marks)**

i

ii.....

iii

iv.....

3.3 What are the **four (04)** major steps that included in the conceptual phase of the research process? **(04 marks)**

i ii.....

iiiiv.....

3.4 List the **four (04)** types of research variables. **(04 marks)**

i ii.....

iiiiv.....

3.5 Depending on the research approach, the dependent variable may be called using four different names. What are they? **(04 marks)**

i ii.....

iiiiv.....

Part D - Structured Essay Questions. Write answer within the given space (20 marks).

1. **1.1** "Explore the relationship between poverty and mental illness." This is a title of a well-known research study.

Identify the **two (02)** variables of this statement and write down the types of them.

Variable	Types of variables
i	
ii	

(04 marks)

- 1.2** "There will be a positive relationship between trust and self-disclosure in marital relationship". This is a problem statement of a well-known research study.

Identify the **two (02)** variables of this statement and write down the types of them.

Variable	Types of variables
i	
ii	

Write down the **two (02)** types of hypothesis of this statement

i.....

ii

(06 marks)

2. According to your interest area of the research, develop your own research question related on following topics.

Research problem -

Problem statement -
.....
.....

Statement of purpose -
.....
.....

Research questions -
.....
.....
.....

(10 marks)