



The Open University of Sri Lanka
B.Sc. Nursing/BMLS Level 5 & 6
Final Examination – Semester 1 - 2015/2016

NSU 4101/NSU3107/MLU3146
Research in Nursing/Research Methodology

Return your question papers with the answer sheets



Date: 22. 12. 2015

Duration - 02 hours

Time: 09.30 am – 11.30 am

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

There are four parts to this question paper.

Part A - 30 Multiple Choice Questions (30 marks)

- There are 30 Multiple Choice Questions of this paper, each with four responses. Select the most suitable response to each question.
- On the answer sheet there are four cages, opposite each question number labeled "a" to "d".
 - Indicate the answer by making a cross (X) over the appropriate letter in the box.
 - An example of a correctly answered question is given below.

E.g.: The founder of modern nursing is,

- Virginia Henderson
- Florence Nightingale
- Dorothea Orem
- Betty Neuman

Answer:

a	<input checked="" type="checkbox"/>	c	d
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Part B - 10 Matching Questions (10 marks)

Part C - Short Answer Questions (30 marks)

Part D - Essay Questions (30 marks)

Good Luck!

Part B – Matching Questions - 10 marks

Match each words or phrases 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. Content analysis | () | (a) mode, median and mean |
| 2. Level of significance | () | (b) interviews, questionnaires, and scales |
| 3. Central tendency | () | (c) events external to study reflected in results |
| 4. Self-Report Measurement | () | (d) used to evaluate hypothesis |
| 5. External validity | () | (e) theory development |
| 6. Justifiable and testable | () | (f) qualitative analysis |
| 7. Phenomenology | () | (g) inferential statistics |
| 8. Standard deviation | () | (h) Hawthorn and novelty effect |
| 9. History/treatment effects | () | (i) the scores dispersed around the mean |
| 10. Source of research problem | () | (j) lived experiences |

Part C - Short Answer Questions (30 marks)

The following questions are compulsory and carry 30 marks.

1 "There will be a relationship between self-motivation and performances". This was a hypothesis of a well-known study. Answer the following questions based on this study.

1.1 Identify and write the two main variables of this study

- 1.
- 2.

(04 marks)

1.2 Write the two types of hypothesis of this study.

- 1.
- 2.

(04 marks)

1.3 If you want to conduct a research study based on above statement what would be your research design, purpose and research question?

Research Design

.....
.....

Purpose

.....
.....

Research question

.....
.....

(09 marks)

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2. When you are going to conduct a research study you need to maintain the internal & external validity of the study.

2.1 Define internal & external validity

Internal Validity.....
.....
.....

External validity
.....
.....

(06 marks)

2.2 Write 03 threats in internal validity

1.
2.
3.

(03 marks)

2.3 Write 04 threats in external validity

1.
2.
3.
4.

(04 marks)

Part D - Essay Questions (30 marks)

Answer any one of the following questions.

- 01) When you plan to do a research study what will be the systematic steps that need to be followed at the beginning to the successful end of your study. Discuss **briefly**.
- 02) What are the methods for collecting self-reported data and **briefly** discuss the strengths and weakness of one of the methods.
- 03) Discuss **briefly** the sampling frames including the eight types of sampling methods which are used in data collection.