

THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF NURSING
ACADEMIC YEAR 2023/2024 – SEMESTER I
BACHELOR OF SCIENCE HONOURS IN NURSING
NGU6311- RESEARCH IN NURSING - LEVEL 6
FINAL EXAMINATION



Date: 20.03.2024

Time: 1.30PM- 4.30PM

Index Number NIC NO:.....

Duration: 03 hours

Part B- Short Answer Questions (50 Marks)

Q01

1.1 State two (02) aims of nursing research. (02 Marks)

1.2 State four (04) characteristics of scientific inquiry. (04 Marks)

1.3 A nurse is planning to conduct a research study. List the information that he/she need to gather and activities that he/she need to perform related to **emperical phase** of research? (04 Marks)

(Total = 10 Marks)

Q02.

Answer the following questions using the given hypothesis; "*postpartum psychosis is associated with the level of husband's support in primi mothers*".

2.1 State the independent and dependent variable of the above hypothesis. (02 Marks)

2.2 State two (02) features of a **good reseach question**. (02 Marks)

2.3 Literature review is an essestial step before writing a research proposal. List three (03) sources of information for literature review. (03 Marks)

2.4 List three (03) probability sampling techniques. (03 Marks)

(Total = 10 Marks)

Q03.

Read the following abstract and publication details and answer the questions given below.

Title of the abstract: Knowledge towards antibiotic use and antimicrobial resistance among outpatient department patients in General hospital, Kalutara, Sri Lanka

Authors: Rupani Thilakarathne, Reeta Perera

First published: February 2023

Journal name: Journal of Clinical Nursing

Volume: 14

Issue: 4

Pages: 38-45

DOI: <https://doi.org/10.1111/jocn.15930>

Abstract

Background: Sexually Transmitted Infections (STIs) are among the emerging diseases in the world mostly affecting adolescents and young people. More than one million people acquire STIs daily worldwide. One third of the curable STIs affect young adults.

Objective: To assess knowledge and attitudes towards STIs among non-medical undergraduates in three selected universities of Sri Lanka.

Methodology: This descriptive cross-sectional study was carried out among non-medical undergraduates of three state universities of Sri Lanka. Four hundred undergraduates were invited to fill the questionnaire by using a convenient sampling technique. Data were collected through a questionnaire. Data were analyzed using SPSS software version 26 and Descriptive statistics, Chi-square test, and one-way ANOVA tests.

Results: Mean age was 23.3 ± 1.3 years. The majority was Sinhalese (93.9%), males (54.6%). Nearly 18% had a good level of knowledge while, 50.8% and 31.6% had moderate and poor levels of knowledge, respectively. Undergraduates in Faculty of Arts showed a good knowledge level (33.5%), which was highest among faculties. Majority had positive attitudes (62.2%) regarding STIs. Significant associations were observed between knowledge level and socio-demographic factors; University and faculty, and gender and attitude. Males (66.8%) and females (56.7%) had positive attitude. A significant correlation between knowledge and attitudes was seen.

Conclusion: The majority of the undergraduates had moderate level of knowledge on STI. A significant percentage had poor knowledge and negative attitudes. Thus, it is recommended to implement awareness programs for undergraduates.

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|---|------------|
| 3.1 Identify aim of the study. | (02 Marks) |
| 3.2 What is the population being studied in this study? | (01 Mark) |
| 3.3 What is the sampling technique used in this study? | (01 Mark) |
| 3.4 What is the design of the this study? | (01 Mark) |
| 3.5 What is the sample size in this study? | (01 Mark) |
| 3.6 What was the instrument used for data collection? | (01 Mark) |
| 3.7 State one (01) weakness and two (02) strengths of using a questionnaire as an instrument for data collection. | (03 Marks) |

- 3.8 What are the inferential statistics tests used for analysis of data? (02 Marks)
- 3.9 What is the conclusion of the study? (02 Marks)
- 3.10 Identify the recommendation of the study. (01 Mark)
- 3.11 Write the reference of this abstract according to APA style using publication details given. (03 Marks)

(Total = 18 Marks)

Q04.

- 4.1 You are planning to conduct a research study using an experimental design. What are three (03) elements that should be present in an experimental study design. (03 Marks)
- 4.2 State one (01) strengths and one (01) weakness of conducting a research using **qualitative** research approach. (02 Marks)
- 4.3 You plan to collect data for a research which uses a “survey design”. List three (03) possible ways of collecting data for your research. (03 Marks)
- 4.4 Researchers need to obtain **informed consent** from their research participants prior to the collection of data.. Briefly mention the information that should be included in the informed consent form. (04 Marks)

(Total = 12 Marks)

Part C- Structured Essay Questions (30 Marks)

- 1.1. Discuss why research is important for nurses and nursing. (10 Marks)
- 1.2 Although more and more nurses should engage in conducting research and disseminating of their research findings after completion of their study, there is no such trend in Sri Lanka. Discuss the reasons of nurses' lack of engagement in research in Sri Lanka. (10 Marks)
- 1.3 Nurses need more support in promoting nursing research. Briefly discuss the possible strategies that can be taken by the government and other institutions in improving nursing research in Sri Lanka. (10 Marks)