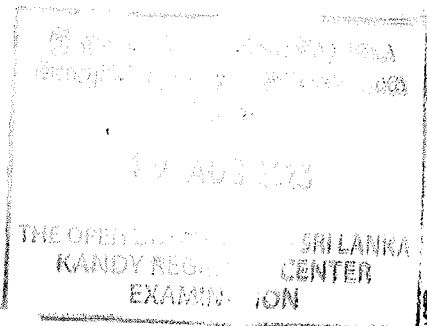


Sample

00029



**THE OPEN UNIVERSITY OF SRI LANKA  
INFORMATION STUDIES UNIT  
FACULTY OF HUMANITIES AND SOCIAL SCIENCES  
BA IN LIBRARY AND INFORMATION STUDIES  
FINAL EXAMINATION - 2023  
LEVEL 6 (SEMESTER I)  
HSU6406-RESEARCH METHODOLOGY**

**DURATION: 3 hours**

**Date: 19.08.2023**

**Time: 9.30 am-12.30pm**

**Instructions**

**Index No:/Reg.No:**

**Answer only five (05) questions  
All questions carry equal marks**

1.
  - i. Research methodology is taught as scientific inquiry in academia. Explain briefly what scientific inquiry is. (4 marks)
  - ii. What are the two main methods of acquiring new knowledge? Discuss. (4 marks)
  - iii. Explain briefly four values of scientific research. (12 marks)
  
2.
  - i. What are the two main types of philosophical approaches to social science research? Discuss. (8 marks)
  - ii. Explain briefly two basic approaches of research. (12 marks)
  
3.
  - i. Explain briefly, with examples how do you clear out and select a research area and research problem to be addressed in a selected broad area of study of your choice. (10 marks)
  - ii. Explain briefly, the 5 characteristics of a well written research topic? (10 marks)
  
4.
  - i. Write difference between literature survey and literature review? (8 marks)
  - ii. Explain the benefits that can be derived by reviewing literature for a research study? (12 marks)

5.
  - i. The research can be designed in 3 ways. What are the three types of research by design? discuss (10 marks)
  - ii. Explain the main 3 ways of deciding a research design for the study. (10 marks)
  
6.
  - i. List out the main methods of collecting primary data. (10 marks)
  - ii. Explain the characteristics of questions you may consider, in building up a questionnaire as a data collection instrument. (10 marks)
  
7.
  - i. What are the three levels of quantitative data analysis? discuss (6 marks)
  - ii. Explain using examples the difference between univariate and bivariate analysis. (14 marks)
  
8.
  - i. What research projects need ethical approval? explain (8 marks)
  - ii. What are the points the ethics review panel should know about the intended research proposal? (12 marks)
  
9. Write short notes on any four of the following topics;
  - i. Secondary data sources
  - ii. Types of interviews in data collection
  - iii. Presentation of research findings
  - iv. Extracting concepts for literature review
  - v. Action research
  - vi. Plagiarism

(5 X 4 = 20 marks)