

THE OPEN UNIVERSITY OF SRI LANKA
INFORMATION STUDIES UNIT
BA IN LIBRARY AND INFORMATION STUDIES
FINAL EXAMINATION- 2024/25
LEVEL 6 (SEMESTER I)
HSU6406 – RESEARCH METHODOLOGY



DURATION: 3 hours

Date: 03.08.2024

Time:9.30am-12.30pm

Instructions

Index No./Reg.No:

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

1.
 - i.) Name four (04) basic methods of research that are treated as scientific research method. (4 marks)
 - ii.) Write four (04) values of the scientific method explained by Robert Merton. (4 marks)
 - iii.) Explain briefly five (05) foundations of research with examples. (12 marks)
2.
 - i.) Name two (02) main types of research defined by research philosophy. (4 marks)
 - ii.) Write two (02) main types of research by Approach. (4 marks)
 - iii.) Briefly explain three (03) types of research by design using examples. (12 marks)
3.
 - i.) Explain the difference between literature survey and literature review. (8 marks)
 - ii.) Describe with suitable examples six (06) benefits that can be derived by reviewing literature for a research study. (12 marks)
4.
 - i.) Describe briefly five (05) main characteristics of a research title.(10 marks)
 - ii.) Briefly explain how you extract specific objectives from main objective by using a research title you selected as an example. (10 marks)

5. i.) Explain the difference between quantitative and qualitative research. (10 marks)
ii.) Explain why you need to use qualitative research in a research study. Explain with examples. (10marks)
6. What are the basic considerations a researcher has to make when selecting a research area to study? Discuss. (20 marks)
7. i.) Write down the difference between primary data and secondary data. (5 marks)
ii.) Explain briefly five (05) main methods of data collection, giving examples. (15 marks)
8. i.) Define what are the Dependent variable and Independent variable. (8 marks)
ii.) Explain briefly four (04) main sampling methods that can be used in survey research. (12 marks)
9. Write short notes on four (04) topics of the following topics (each carry 5 marks)
- i.) Rationale of research study
 - ii.) Bi-variate analysis
 - iii.) Bibliometric method
 - iv.) Research ethics
 - v.) Sources of secondary data
 - vi.) Plagiarism (5x4=20 marks)