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RAJARATA UNIVERSITY OF SRI LANKA  
FACULTY OF APPLIED SCIENCES

B.Sc. in Health Promotion  
First Year – Semester II Examination – January/February 2023

HPT 1210 – RESEARCH METHODS

Time: Two (02) hours

Answer ALL questions.

1. a) List five (05) characteristics of a good research question. (20 Marks)
- b) Explain two (02) advantages of using experimental research designs. (20 Marks)
- c) Compare prospective and retrospective designs in research. (30 Marks)
- b) Outline the steps of developing a research question. (30 Marks)
2. a) Explain giving an example how participatory observation method is used in community based research. (30 Marks)
- b) Describe the limitations of interviewer administered questionnaire as a data collection method. (30 Marks)
- c) Discuss the advantages of using qualitative methods in health promotion research. (40 Marks)
3. a) Describe the purposes of literature review in research. (30 Marks)
- b) Use the following scenario to answer questions given below  

Recent media reports have highlighted that malnutrition among children under five years in Sri Lanka has increased in year 2021 comparing to year 2020. Ministry of Health asks you to conduct a research to find out whether there is a change in malnutrition levels.

  - i. Write an appropriate research question. (10 Marks)
  - ii. Explain giving reasons an appropriate research design. (15 Marks)
  - iii. Explain giving reasons an appropriate sampling method. (15 Marks)
  - iv. Discuss in brief the most appropriate data collection method for this research. (15 Marks)
  - v. Describe ethical considerations of this research. (15 Marks)

4. a) Explain the advantages of developing a data analysis plan before data collection. (30 Marks)
- b) Outline the steps of developing a questionnaire. (30 Marks)
- c) Justify the statement "selection of an appropriate sampling method increases the generalizability of the findings of a research". (40 Marks)

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