



**RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES**

**B.Sc. in Health Promotion
First Year – Semester II Examination – September/October 2020**

HPT 1210 – Research Methods

Time: Two (02) hours

Answer ALL questions.

1. a) Suggest by giving an explanation the most appropriate data collection method for following research questions (20 x 03 = 60 Marks)
 - i. What is the level of knowledge, attitude and practices of university students on sexual health?
 - ii. What is the best method out of workshops or distributing leaflets to improve healthy eating among school teachers in Anuradhapura District?
 - iii. Why domestic violence victims do not seek support from available supporting services?
- b) Identify by giving an explanation the target population and a sampling method that would appropriate for the studies outlined below? (20 x 02 = 40 Marks)
 - i. A study to investigate the level of physical activity of Sri Lankan school children between 10 to 15 years.
 - ii. Sri Lankan government plans a research study to assess the knowledge and attitude on alcohol of tea estate workers in Badulla district.
2. a) Compare and contrast qualitative and quantitative research designs. (40 Marks)
- b) Discuss giving examples the purpose of a literature review (30 Marks)
- c) Discuss using examples, potential ethical issues related to qualitative research (30 Marks)

3 a) Propose by giving reasons the appropriate research design for following research ideas
(25 x 4 = 100 Marks)

- i. To assess the knowledge and understanding on adolescent's mental health among school teachers in Kandy district
- ii. To assess the acceptability of an intervention delivered estate sector population to address stunting among under five children
- iii. To identify the relationship between diet habits and the risk of developing heart diseases among nursing officers of all hospitals in the country.
- iv. To find an answer "why a large number of sexual abuse victims do not take legal actions against the abusers?"

4 a) Discuss the following scenarios (25 x 4 = 100 Marks)

- i. Importance of calculating sample size before commencing a research study.
- ii. Problems of using observation as a data collection method.
- iii. Advantages of using open-ended questions in a questionnaire
- iv. Avoiding plagiarism in research publications

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