

**INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA**  
**BUMS LEVEL II – FIRST SEMESTER EXAMINATION – OCTOBER 2017**  
**RESEARCH METHODOLOGY AND BIO STATISTIC - I**  
**COURSE CODE – TS 2102**

**Date: 31.10.2017**  
**Time: 1 hour**  
**9.00. a.m. – 10.00 a.m.**

**Index no**

**Answer all questions.**

**Part I - Structured Questions**

01. 1.1 Define the term "Research"? (02 Marks)

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1.2 What are the advantages of research in the field of community medicine? (04 Marks)

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1.3 What are the steps in research process (06 Marks)

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1.4 What are the sources of data for a research

(02 Marks)

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1.5 Name any two (2) methods of data collection in a research study

(02 Marks)

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1.6 Name the ethical issues concerning research participants

(04 Marks)

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02. 2.1 What are the considering factors in selecting a research problem?

(03 Marks)

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2.2 What are sources of data and information for a research in community medicine? (04 Marks)

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2.3 Name the main phases in a research process (03 Marks)

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2.4 Name the methods of interviews can be used in a research? (04 Marks)

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2.5 Distinguish the difference between 'population' and 'sample' for a research study (04 Marks)

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2.5 What is the 'Research Ethics' have to be applying in community medicine? (02 Marks)

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**Part II - Essay Questions -**

01. Assume you are assigned to conduct a research study; By using your own research area and title related to community medicine, briefly explain in sequence the main steps which have to be followed in your research (60 Marks)

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