

UNIVERSITY OF COLOMBO, RAJAGIRIYA
BUMS LEVEL II – FIRST SEMESTER EXAMINATION – SEPTEMBER 2015

RESEARCH METHODOLOGY AND BIO STATISTICS

COURSE CODE: TS 2102

Time: 01 hour
9.00. a.m. – 10.00 a.m.

Index no

Answer all questions.

Structured Questions

01.

1.1. Define the term "Research" in community medicine? (2 Marks)

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1.2. State the types of research? (4 Marks)

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1.3. Name the two approaches to gather data and information in a research? (2 Marks)

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1.4. List out the data collection methods and techniques (6 Marks)

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1.5. What do you mean by the research ethics?

(3 Marks)

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1.6. Name the ethical issues concerning research participants

(3 Marks)

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02.

2.1 Define the term "Population"?

(3 Marks)

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2.2 Define the term "Sample"?

(3 Marks)

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2.3 What are the main methods of sampling?

(2 Marks)

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2.4 Name any three (3) methods of Primary data collection

(4 Marks)

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2.5 What do you mean by a "Literature Review"?

(4 Marks)

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2.6 Briefly explain the types of interviews

(4 Marks)

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Essay Question

01. Consider that the community medicine undergraduates of Institute of Indigenous Medicine, University of Colombo are planning to conduct a research study on "Food consumption behaviors among school children in Colombo urban council area". Briefly explain the sequence of main steps which have to be followed in the above research **(60 Marks).**

28.09.2015