



KENYATTA UNIVERSITY

FIRST SEMESTER EXAMINATIONS 2009/2010 UNIVERSITY EXAMINATIONS FOR DEGREE OF BACHELOR OF SCIENCE (ENVIRONMENTAL HEALTH)

HEH 300: RESEARCH METHODS

DATE: Monday 21st December 2009

TIME: 11.00am -1.00pm

INSTRUCTIONS

SECTION A. ANSWER ALL QUESTIONS IN THIS SECTION

Q1. Explain the need for environmental health research in contemporary society.

[6marks]

Q2. Explain the difference between:

a) Basic and applied research.

[2marks]

b) A pilot and pre-test study.

[2marks]

Q3. State three reasons why hypotheses are important in research.

[5marks]

Q4. State the major advantages of using in-depth interview for data collection.

[5marks]

SECTION B: Answer question 1 and any other two questions

Q1. Choose two non-probability sampling designs and explain their advantages and disadvantages over probability sampling designs.

[20marks]

Q2. Explain the reasons why literature review is important in health research.

[15marks]

Q3. a) Describe some of the areas that need to be pre-tested in a health research.
[10marks]

b) Describe the determinants of selection of research topic. [5marks]

Q4. Your supervisor has asked you to design a structured interview schedule tool to be used in field data collection in a study focusing use of family planning service of mothers residing in Murang'a district. Explain in detail how you can go about this.
[15marks]

Q5. What guidelines need to be followed when writing a research report?
[15marks]