



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

HFN 322: INTRODUCTION TO RESEARCH METHODS

DATE: Thursday 31st March, 2011

TIME: 8.00 a.m. – 10.00 a.m.

INSTRUCTIONS

Answer *ALL* questions.

1. Define the following terms as used in research:
 - a) Research [2 marks]
 - b) Theory [2 marks]
 - c) Hypothesis [2 marks]
2. Differentiate between the following terms as used in research;
 - a) Discrete and continuous variables [4 marks]
 - b) Qualitative and quantitative data [4 marks]
 - c) Sample and population [4 marks]
3. Discuss the five purposes of research. [10 marks]
4. Describe four levels of measurements giving two examples of each. [12 marks]
5. You have been requested to develop a proposal on the following research topic; *“The impact of underutilized nutrient dense sweet potatoes on vitamin A serum levels among lactating women attending Thika maternal and child Health (MCH).”* Discuss what you would include under the following;
 - a) Statement of the problem [4 marks]
 - b) Four objectives of the research [8 marks]
 - c) Hypothesis of the research [2 marks]

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| d) | Two assumption of the study | [4 marks] |
| e) | Appropriate research design | [2 marks] |
| f) | Appropriate sampling technique | [2 marks] |
| g) | Four approaches to ensure ethics in the research | [8 marks] |

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