



W1-2-60-1-6

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

ODEL EXAMINATIONS

ACADEMIC YEAR 2016/2017

HPS 2310/HBC 2304/BIT 2301: RESEARCH METHODS

DATE: AUGUST 2016

TIME: 2 HOURS

INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a. Name and describe the different approaches to research (8 marks)
- b. What is a research problem and what conditions should be met for the research problem to exist? (5 marks)
- c. List the characteristics of a good sample design (5 marks)
- d. Justify the reasons for developing an Hypothesis in the research process (6 marks)
- e. Elaborate on the following types of sampling techniques:
 - i. Simple random sampling
 - ii. Stratified random sampling
 - iii. Cluster sampling (6 marks)

QUESTION TWO (20 MARKS)

- a. Discuss any considerations by a researcher for an appropriate method of data collection (8 marks)
- b. Briefly outline the steps used during the research process (7 marks)
- c. Describe the steps involved in data preparation (5 marks)

QUESTION THREE (20 MARKS)

- a. What are the advantages of secondary data? (5 marks)
- b. Discuss different non-probabilistic sampling techniques giving one business circumstance where each technique would be most appropriately applied. (9 marks)

- c. Differentiate between a survey and experimental research design (6 marks)

QUESTION FOUR (20 MARKS)

- a. What are the motivations of research? (6 marks)
- b. List the chief merits of the Interview method (6 marks)
- c. Briefly explain the four types of research designs based on purpose (8 marks)