

EXAM

ACMT 391

RESEARCH METHODOLOGY

QUESTION ONE (30 MARKS)

- a. Define research and explain five objectives of research (7 marks)
- b. What are the important functions of literature review? List five and explain them (5 marks)
- c. What is data collection and what factors are considered in data collection? (5 marks)
- d. What are the techniques used in developing questionnaires? (5 marks)
- e. Differentiate between positivistic and phenomenological approaches to research (3 marks)
- f. List the process of the research. Explain the steps (5 marks)

QUESTION TWO (20 MARKS)

- a. What are the sources of research problem? List eight sources of research problems and explain them (4 marks)
- b. What are the benefit of theoretical literature in research (5 marks)
- c. In the design of the study variable; name and explain four types of measurement scale (4 marks)
- d. List and explain three types of categorical variables (3 marks)
- e. Explain four rules for designing questionnaires (4 marks)

QUESTION THREE (20 MARKS)

- a. Differentiate between probability and non-probability sampling (6 marks)

- b. In data collection. One can use electronic questionnaires. List and explain six ways one can improve response rates of electronic questionnaires.
- c. Observations is mostly used in qualitative research in terms of data collection. List two types of observations, advantages and disadvantages of observation (10 marks)

QUESTION FOUR (20 MARKS)

- a. What is hypothesis in research? Give two types of hypothesis and explain them (3 marks).
- b. List and explain four research designs which depend on the type of research. (4 marks)
- c. In sampling design is a definite plan of obtaining a sample from a given population. List and explain seven steps in sampling (7 marks)
- d. List six types of research instruments and explain them. (3 marks)
- e. In casual relationship variable, the study to attempt to investigate an association, list four variable that operate (3 marks)

QUESTION FIVE (20 MARKS)

As part of the university protocols at the Chuka University, 4th years have been tasked to come up with a skeleton project in their area of interest of research, kindly come up with a skeleton research touching the below areas.

- i. Topic of your research
- ii. Statement of the problem
- iii. Five objectives of your research
- iv. Literature review
- v. Conceptual framework of your study
- vi. Sampling design

Your method of data collection