



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN COMMUNITY AND HEALTH

(DCH 13J)

APH 2210 : RESEARCH METHODOLOGY

SUPPLEMENTARY/SPECIAL: EXAMINATIONS

SERIES: MARCH 2014

TIME: 2 HOURS

INSTRUCTIONS:

You should have the following for this paper

- *Answer booklet*

This paper consists of **FIVE** questions.

Answer Question **ONE (compulsory)** and any other **TWO** questions

QUESTION ONE

- a) Define the following terms
 - (i) Accessible population (2 marks)
 - (ii) Variable (2 marks)
 - (iii) Data (2 marks)
- b) Explain five characteristics of well stated objectives (5 marks)
- c) Using relevant examples distinguish the two types of alternative hypothesis (4 marks)
- d) Explain the advantages of an open ended questionnaire over the closed one (4 marks)
- e) Using relevant examples describe
 - (i) Probability sampling (2 marks)
 - (ii) Non probability sampling (2 marks)
- f) State three characteristics of well stated hypothesis (3 marks)

QUESTION TWO

- a) Define a research proposal (3 marks)
- b) Describe the format of a research proposal (12 marks)

QUESTION THREE

Discuss the following research instruments

- a) Questionnaires (5 marks)
- b) Focus Group Discussions (5 marks)
- c) Interviews (5 marks)

QUESTION FOUR

Discuss the various types of research (15 marks)

QUESTION FIVE

- a) Discuss the process of carrying out literature review (8 marks)
- b) The importance of carrying out literature review (7 marks)