



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN NUTRITION HEALTH

(DNH 12S)

DIPLOMA IN ENVIRONMENTAL SCIENCES

(DES 12S)

DIPLOMA IN COMMUNITY HEALTH

(DCH 12S & DCH 12 M)

APH 2000 : RESEARCH METHODS

SPECIAL /SUPPLEMENTARY: EXAMINATIONS

SERIES: OCTOBER 2013

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

This paper consists of 2 PRINTED pages

Question ONE

- a) Using appropriate illustrations explain the following components of Research Methodology
- (i) Primary Sources of data (2marks)
 - (ii) Interviewee (2marks)
 - (iii) Sample (2marks)
 - (iv) Variable (2marks)
- b) Compare and contrast the following types of Research
- (i) Qualitative and quantitative (2marks)
 - (ii) Primary and Secondary (2marks)
- c) Using appropriate examples differentiate between dependent and non-dependent variable (4marks)
- d) Explain FOUR qualities of a well written purpose (4marks)
- e) List SIX subjective or biased verbs that should be avoided in stating purposes (3marks)
- f) Explain reasons for conducting literature review (5marks)
- g) Differentiate between descriptive and inferential data analysis techniques (2marks)

Question TWO

Describe FIVE data collection techniques giving advantages and disadvantages of each (15marks)

Question THREE

Discuss the main sampling techniques used in research (15marks)

Question FOUR

- a) Define a proposal (2marks)
- b) Describe the components of a research proposal (13marks)

Question FIVE

Discuss reasons for carrying out research (15marks)