



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR:
DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT

DCHM 18S/DEH18S/DES18S /YEAR 2/SEMESTER 2

APH 2210 RESEARCH METHODS

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2019

TIME: 2 HOURS

Instructions to Candidates

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions.

This paper consists of two printed pages.

Mobile phones are NOT allowed in the examination room

QUESTION ONE (30 MARKS)

Define the following terms as used in research:

- | | |
|---|---------|
| i) Sampling | 2 marks |
| ii) Data | 2 marks |
| iii) Statistics | 2 marks |
| b) Distinguish between: | |
| i) Variable and parameter | 4 marks |
| ii) Primary data and secondary data | 4 marks |
| iii) Applied research and action research | 4 marks |
| c) i) Briefly explain an objective as applied in research. | 2 marks |
| ii) Objectives in research must be "SMART". Explain the meaning of "SMART". | 5 marks |

d) Outline five purposes of literature review. 5 marks

QUESTION TWO

Discuss the components one should include when writing a research proposal. 15 marks

QUESTION THREE

a) Differentiate qualitative and quantitative type of researches. 8 marks

b) Give three advantages and two disadvantages of using both qualitative and quantitative research methodologies. 5 marks

c) Describe error in research. 2 marks

QUESTION FOUR

Discuss questionnaire as a method of data collection. 15 marks

QUESTION FIVE

a) Differentiate random sampling method and snow ball method of sampling. 10 marks

b) Explain ways of identifying research problem. 5 marks