



UNIVERSITY OF SWAZILAND
Faculty of Health Science

Department of Environmental Health
Sciences

Main Examination 2010

Title of paper: RESEARCH METHODS

Course code: HSC 306

Time allowed: 2 hours

Marks allocation: 75 Marks

Instructions:

- 1) Read the questions and Instructions carefully
- 2) Answer ALL questions
- 3) Each question is weighted 25 marks
- 4) Write neatly and clearly
- 5) Begin each question in a separate sheet of paper

This paper is not to be opened until the invigilator has granted
permission

QUESTION 1

The conducting of research is determined by certain determinants that relate to Environmental Health Science. Discuss five determinants of research and their essentiality in the environmental Health Science Profession.

[25 marks]

QUESTION 2

It is very important that literature review is done before getting into the key research decisions when conducting the research. In your opinion and also relying on your knowledge in research proposal development, discuss:

I. The importance of literature review in research proposal development.

(10 marks)

II. How objectives are formulated during proposal development.

(10 marks)

III. The relationship between the title of the study and the purpose.

(5marks)

[25 marks]

QUESTION 3

It is important that students clearly conceptualize the differences between problem statement and literature review. In your own opinion and relying on your knowledge in research proposal:

i. What are the major differences between problem statement and literature review.

(10 marks)

ii. Write a problem statement on the topic “**fail and discontinue at the university**”.

(10 marks)

iii. Define hypothesis and then formulate a hypothesis from the topic “**fail and discontinue at the university**”.

(5 marks)

[25 marks]