



UNIVERSITY OF SWAZILAND
Faculty of Health Sciences
Department of Environmental Health Science

DEGREE IN ENVIRONMENTAL HEALTH SCIENCE
FINAL EXAMINATION PAPER 2016

TITLE OF PAPER	:	PUBLIC HEALTH ADMINISTRATION AND MANAGEMENT
COURSE CODE	:	EHM 303
DURATION	:	2 HOURS
MARKS	:	100
INSTRUCTIONS	:	READ THE QUESTIONS & INSTRUCTIONS CAREFULLY
	:	QUESTION ONE IS COMPULSORY THEN ANSWER ANY OTHER THREE QUESTIONS
	:	EACH QUESTION <u>CARRIES 25</u> MARKS.
	:	WRITE NEATLY & CLEARLY
	:	NO PAPER SHOULD BE BROUGHT INTO THE EXAMINATION ROOM.
	:	BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER.

DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR.

QUESTION 1

Mr. AB is a well-known traditional doctor residing in community X. He is also the son of a well-known traditional doctor who passed on years back, leaving behind the “profession” to his son Mr. AB. You are hired as a sanitation specialist by an organization mandated to educate community members on the importance of sanitary disposal of excreta and also assisting them in constructing proper ventilated improved pit (VIP) latrines. You were posted in this community X where according to health records, excreta borne diseases are so prevalent, resulting in 60% of the monthly clinic attendances in the local clinic. It was also reported that in the past 5 years children under the age of 5 have been dying as a result of diarrhoeal diseases. The area uses a river which passes through this community as a sole water source. In this community, the population is estimated to be 2 321 including children. Unemployment rate is almost 67%. After conducting all the necessary health education sessions and assisting the community with material required to build their own VIP toilets, Mr. AB was amongst the first to construct and finish his family toilet. As part of your duty, you are expected to monitor the usage of the facilities. In one of your monitoring tours, you discover that Mr. AB does not use the toilet and when probed further he confirms to the affirmative, citing that his ancestors wouldn’t allow him to defecate in a house. Secondly he also states that he cannot sit where his daughter in law also sat and worse of all, he cannot mix his excreta with others as this might confuse his ancestors and more so because that is his personal dirt.

- a) What could be the possible explanation for Mr. AB’s behaviour? [2]
- b) How could the explanation given in (a) be avoided earlier? [2]
- c) Using the steps followed when analyzing an ethical dilemma; analyze the above dilemma, bringing forth a possible solution. [15]
- d) What questions are to be considered in the decision making process? [6]

[25 MARKS]

QUESTION 2

- a) As public health specialists, we are tasked with improving the health of our communities through primary health care interventions. However, before we can come up with these interventions we should know the state of our populations' health.
- i. Define public health. [1]
 - ii. Discuss the four determinants of a community's health giving appropriate examples. [12]
- b) In "improving the health of communities", public health practitioners aim at preventing diseases from occurring. This has been made easier through theories that describe the cause of diseases in humans. Explain how the following theories were used in the 20th century to explain the etiology of disease in human:
- i. The germ theory [3]
 - ii. The life style theory [3]
 - iii. The environmental theory [3]
 - iv. The multi causal theory [3]

[25 MARKS]

QUESTION 3

- a) In the evaluation of the health of population, health reporting systems and special registries are the main sources of information. Discuss five functions of these informatics using appropriate examples. [10]
- b) Globalization has played a major role in the health of populations. It has resulted to both negative and positive effects on populations' health.
- i) Discuss the concept of globalization [5]
 - ii) Discuss five aspects of globalization that affect the health of populations. [10]

[25 MARKS]

QUESTION 4

A company recruiting a graduate from the University of Swaziland to fill up a supervisory position in a waste management company based in Matsapa has approached you. However, they wanted to verify if you really know the role you will play in the company should you be hired. You are therefore supposed to discuss the following aspects of your potential job title:

- a) The supervision process. [6]
- b) Five benefits of your role in the company. [5]
- c) Your key functions in the company. [6]
- d) As a supervisor, you need to possess some power, discuss four (4) possible sources of your power while executing your responsibilities. [8]

[25 MARKS]

QUESTION 5

Every organization has an organizational goal to meet. This is facilitated by the formation of an organizational design which is a structure of the organization and the roles within it that best serve the organizational goals.

- a) Discuss 5 important aspects to note in the design of an organizational structure. [10]
- b) Explain the process of designing this structure. [10]
- c) The government of Swaziland has adopted the decentralized organizational structure. Give five advantages of this structure. [5]

[25 MARKS]