



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

BSc. ENVIRONMENTAL HEALTH

MAIN EXAMINATION PAPER 2017

TITLE OF PAPER : PUBLIC HEALTH ADMINISTRATION AND
MANAGEMENT

COURSE CODE : EHM303

DURATION : 2 HOURS

MARKS : 100

INSTRUCTIONS : READ THE QUESTIONS & INSTRUCTIONS
CAREFULLY

: ANSWER FOUR QUESTIONS

: **QUESTION ONE IS COMPULSORY THEN
CHOOSE ANY THREE QUESTIONS**

: EACH QUESTION **CARRIES 25** 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

a) In pursuit of the need to prevent diseases and promote health among populations, a number of theories have been developed. These theories are aimed at identifying the causes of diseases in populations. According to the 19th century models, the cause of disease is explained by a number of theories. Discuss the following theories explaining the causes of disease as per the 19th century:

- i) Contagious theory [4]
- ii) Supernatural theory [4]
- iii) Personal behaviour theory [4]
- iv) Miasma theory [4]

b) As nations work towards improving the health status of their populations, it is important to have a distinctive meaning of the term health and has been defined by a number of authors using different definitions.

- i) Define the term “health” as proposed by the WHO explaining in details what the definition entails. [6]
- ii) In the improving of the populations’ health, there are a number of determinants to consider. These include individual and community determinants. Under the community determinants, there are socio-cultural determinants. Briefly discuss how this determinant is important to consider in improving populations’ health. [3]

[25 MARKS]

QUESTION 2

In order to promote health, prevent diseases and prolong the life of populations, nations in collaboration with international health bodies have come up with targets which help in motivating nations to work towards the set goals. These targets are met through implementing appropriate interventions whose success is assessed using a number of health indicators.

- a) Discuss 5 leading health indicators stating their importance and the contribution they make in meeting the health goals. [15]

- b) Discuss how the natural history of a disease can be used in the implementation of public health interventions. [10]

[25 MARKS]

QUESTION 3

Public health research studies are characterized by three ethical issues i.e. data collection, methodology and outcomes. These form the basis for conducting ethical studies which in turn are critical in informing the types of interventions needed and also policies to be put in place.

- a) Discuss the ethical issues to consider in the 3 stages of research development mentioned above, and also state how they can be addressed. [15]
- b) The Tuskegee Syphilis study is one of the historic landmarks to public health ethics. From the study, a number of ethical issues emanated and stirred nations to come up with universal ethical principles to consider in conducting human studies. Outline the Tuskegee Syphilis study and also explain the issues of ethical concern.

[10]

[25 MARKS]

QUESTION 4

Managers are tasked with ensuring that work is done using their subordinates. This requires them to possess some power which enables them to execute their duties effectively thus meeting the organizational objectives and goals.

- a) Discuss 5 sources of power which enable managers to lead and influence subordinates to achieve organizational goals. [10]
- b) In the pursuit to achieve organizational goals, employees need to be motivated to execute their jobs and it is the duty of the manager to motivate their subordinates.
- i) According to Frederick Herzberg, 2 factors are considered in motivating subordinates. These are motivators and hygiene factors. Discuss these factors in depth. [5]

- ii) Explain why delegation motivates stating the role, importance of delegating and the task of effective delegation. [10]

[25 MARKS]

QUESTION 5

Organization Y is looking for candidates to fill the post of a district manager. You are the best candidate for this post and you have been called for an interview and have to prepare for this interview which will be conducted tomorrow. It is important that you research about the organization in terms of structure and culture as it is crucial for the post you have applied for. You were told that the organization uses a centralised organizational structure. Discuss the following as it will help in preparation for the interview.

- a) Centralised organizational structure in terms of:
- i) Definition [2]
 - ii) Advantages [5]
 - iii) Disadvantages [5]
- b) Organizational culture in terms of:
- i) Definition [3]
 - ii) Indicators [10]

[25 MARKS]