

UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES

MAIN EXAMINATION PAPER- DECEMBER 2015

TITLE OF PAPER : ENVIRONMENTAL HEALTH PROJECT DESIGN
AND MANAGEMENT

COURSE CODE : EHM 405

TIME : 2 HOURS

MARKS : 100

INSTRUCTIONS : ANSWER **QUESTION 1** AND ANY OTHER THREE
QUESTIONS

: EACH QUESTION CARRIES 25 MARKS

: NO FORM OF PAPER SHOULD BE BROUGHT
INTO NOR TAKEN OUT OF THE EXAMINATION
ROOM

: BEGIN THE ANSWER TO EACH QUESTION ON A
SEPARATE SHEET OF PAPER

QUESTION 1

a) Write notes on the following terminology used in health project design and management:

- i) Evaluation [5]
- ii) Monitoring [5]
- iii) Surveillance [5]
- iv) Indicators [5]

b) What are the basic factors that project evaluative studies should address? [5]

[25 marks]

QUESTION 2

Prioritization is a fundamental step in the design of health programmes. Therefore, there is a number of criteria that are used for the purpose of prioritizing the health needs of communities.

- a) Discuss five criteria used in prioritizing a health need [15]
- b) Once the priority health need has been identified, it is important to conduct a detailed assessment of that priority health need. In a sanitation project in your area of jurisdiction, discuss two qualitative data collection methods to be utilized and also give the reasons for choosing these methods? [10]

[25 marks]

QUESTION 3

- a) Discuss the community characterization model used in community oriented primary care(COPC) [15]
- b) What are the principles of COPC? In depth, discuss all five principles of COPC [10]

[25 marks]

QUESTION 4

You are head of a new project that has the mandate to ensure safe and clean water supply for community X in the Lubombo region. The project has a life span of 3 years and as a project manager it is your duty to ensure that by the end of the three year, all elements of the project are in place.

- a) Discuss the managerial skills that are needed to ensure proper execution of the mandate and explain why the discussed skills are needed. [6]
- b) During the planning and implementation of the project, you are expected to involve the appropriate stakeholders in this project.
 - i. Identify five stakeholders you would involve and what their role in the project would be. [10]
 - ii. Discuss the advantages of stakeholder participation during project planning and implementation [5]
- c) The project head office for the above mentioned project is in Mbabane in the Hhohho region and that is where your immediate supervisor is based. You were told from the beginning that all decisions should be run through your supervisor who will in turn await approval from his boss.
 - i) What is this type of organizational structure? [1]
 - ii) Discuss three disadvantages of this organizational structure [3]

[25 marks]

QUESTION 5

- a) Discuss the two types of evaluative studies giving examples of each [5]
- b) In an organization, conflicts are bound to happen as there are people involved with different backgrounds. As a manager, conflict management becomes one of your day to day activities.

- i) What is meant by conflict and what causes conflict in an organization?
[4]
- ii) Discuss three methods a manager can use to manage conflict in an organization
[6]
- c) In order for health projects to meet their goal, it is a prerequisite that they formulate a strategy which will help guide them towards their goal (s). Discuss the five elements used by organizations to build and implement their strategies. [10]

[25 marks]