



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

DEGREE IN ENVIRONMENTAL HEALTH SCIENCE

MAIN EXAMINATION PAPER 2020/2021

- TITLE OF PAPER : ENVIRONMENTAL HEALTH PROJECT DESIGN AND
MANAGEMENT
- COURSE CODE : EHS405
- DURATION : 2 HOURS
- MARKS : 100
- INSTRUCTIONS : READ THE QUESTIONS & INSTRUCTIONS
CAREFULLY
- : **QUESTION ONE IS COMPULSORY THEN ANSWER
ANY OTHER 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
- : **INDICATE YOUR PROGRAM**

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

QUESTION 1

Organization A is an institution with an aim of alleviating poverty in the country by 2022. Among their strategic action areas is the reduction of teenage pregnancy. You have been hired as one of the managers in this department and you will be reporting to the regional manager. Recently, the organization secured funding for a project promoting comprehensive sexuality education among teenagers. The project will require inclusion of experts from other institutions involved with sexual reproductive health in the country. Now discuss the following based on your job title.

- i) Which level of management do you occupy in the organization?
Explain your answer. [3]
- ii) Discuss the different management skills you need for this title
explaining the extent of each required skill. [9]
- iii) Explain the management structure assumed by the new project. [4]
- iv) State three advantaged and three disadvantaged of the structure in (iii).
[6]
- v) Derive one specific objective for your office. [3]

[25 MARKS]

QUESTION 2

You are part of a project team aimed at increasing immunization rate among children in community Y. You are tasked with conducting the educational and ecological assessment as per the PRECEDE-PROCEED model.

- a) Discuss in depth the three factors to consider with appropriate examples. [15]
- b) Explain why and how you will conduct an administrative and policy
assessment. [10]

[25 MARKS]

QUESTION 3

A project's success is based on its management thus project managers need to understand their roles and responsibilities.

- a) Define management. [1]
- b) Discuss five components of management using appropriate examples. [15]
- c) Explain the three roles of a manager stating examples of each. [9]

[25 MARKS]

QUESTION 4

The success of any project is measured through the capacity of the project team to monitor and evaluate the project activities from time to time. Using a project aimed at promoting healthy eating habits to improve health status of the population/ participants as an example discuss the following:

- a) Intervention approach detailing of the reasons for the choice. [5]
- b) Goal of the project. [2]
- c) Derive one objective. [3]
- d) Demonstrate using a matrix one activity for your objective (c) with the following: message or content, success indicator and monitoring. [10]
- e) Evaluation and sustainability plan for the project. [5]

[25 MARKS]

QUESTION 5

Understanding the management environment is crucial in preventing project failure.

- a) Discuss in depth three characteristics of the management environment. [12]
- b) Using an example of your choice, explain the general environment discussing how it is analysed. [13]

[25 MARKS]