

**UNIVERSITY OF SWAZILAND**  
FACULTY OF HEALTH SCIENCES

**SUPPLEMENTARY EXAMINATION PAPER- JULY 2016**

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) Differentiate between the orthodox health system and primary health care [6]
- b) Define primary health care in terms of its principles and benefits [10]
- c) What is the purpose of ensuring community participation in primary health care? [4]
- d) Name the five stages of a COPC programme. [5]

[25 marks]

QUESTION 2

- a) As a manager, you are supposed to use some theory to manage the organization. As a requirement before employment, you are told that the organization is managed using the organizational theory and you have to know this theory by heart. Define this theory in full according to Henry Fayol [10]
- b) Discuss the characteristics of management environment [6]
- c) As a manager of an organization or program, you need to be mindful of the environment your organization operates in. This call for you as a manager to analyze it. Define the external environment and how to analyze it. What are the limitations of the analysis? [9]

[25 marks]

QUESTION 3

- a) What are the 4 steps in planning and implementing an intervention? [4]
- b) What are the Kark's Five Cardinal Questions? Discuss the second one in relation to the COPC program design [10]
- c) What are the levels of interventions of focus when using the socio ecological models? [5]
- d) What criteria would be used in prioritizing community health need/problem? [6]

[25 marks]



QUESTION 4

- a) What is detailed assessment and how is it different from evaluation in terms of their purpose? [5]
- b) Discuss any three data collection methods [6]
- c) What are the factors that should be assessed during the detailed assessment that direct the "case for action"? [6]
- d) What is the importance of detailed assessment? [5]
- e) What is the difference between internal and external evaluation? [3]

[25 marks]

QUESTION 5

- a) Explain the management levels in relation to the management skills that managers need to possess? [10]
- b) List all the management components and discuss only five [15]

[25 marks]

