

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences
DIPLOMA IN ENVIRONMENTAL HEALTH
MAIN EXAMINATION PAPER 2013

TITLE OF PAPER : **HOUSING AND HEALTH**

COURSE CODE : **EHS 304**

DURATION : **2 HOURS**

MARKS : **100 MARK**

INSTRUCTIONS : **READ THE QUESTIONS & INSTRUCTIONS CAREFULLY**

: **ANSWER ALL FOUR QUESTIONS**

: **EACH QUESTION CARRIES 25 MARKS**

: **WRITE NEATLY & CLEARLY**

: **NO PAPER SHOULD BE BROUGHT INTO NOR OUT OF 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 ONE

- A) What is your understanding of gender? Who has more access to housing between men and women in Swaziland and why? [10]
- B) Structurally there are technical considerations in housing. Choose five and discuss briefly [5]
- C) According to UN-Habitat Housing is adequacy of the following..... 1, 2, 3,15. List the 15 UN-Habitat Housing conceptualizations. [10]

QUESTION TWO

- A) Describe at least three tools you would use to evaluate the physical aspects of housing [15]
- B) According to writings by Turner (1968) "housing and human settlements are often referred to as a social, political and economic process". Explain the meaning behind this assertion. [10]

QUESTION THREE

- A) Describe at least five informal settlement effects on the environment [5]
- B) Argue why the Swaziland Government has been struggling to come up with a credible land policy for the past decade [10]
- C) Environmental Health Officers often practice professional judgement and discretion when dealing with housing problems. What are the pros and cons of this approach? [4]
- D) You have been advised that the best method to upgrade your low income urban settlement is using Sites and Services Housing Schemes. Describe the scheme fully and indicate conditions that warrant choice of this upgrading type [6]

QUESTION FOUR

- A) Describe at least five pitfalls of using a poorly ventilated house [5]
- B) By giving examples where each is used differentiate between 'input and extract' ventilation systems' [10]
- C) Describe prevailing conditions in Mangwaneni in Manzini, Mhobodleni in Manzini and Msunduza in Mbabane that warrant settlement upgrading [10]

QUESTION FIVE

- A) What are the processes involved in the establishment of a township? Why is each process important? Please justify! [10]
- B) What criterion is used by the Human Settlements Authority (HSA) in determining the establishment of human settlements/townships? For each criterion, please state why it is important? In your opinion is the criterion sufficient? Please justify your answer with reasons, either way. [10]
- C) Urban Populations are often characterised by considerable inequalities, explain how this manifests itself in housing. [5]