

**UNIVERSITY OF SWAZILAND**  
**Faculty of Health Sciences**

**DIPLOMA IN ENVIRONMENTAL HEALTH  
SCIENCES**  
**MAIN EXAMINATION PAPER MAY 2010**

**TITLE OF PAPER** : HOUSING AND HEALTH

**COURSE CODE** : EHS 304

**DURATION** : 2 HOURS

**MARKS** : 100

**INSTRUCTIONS** : ANSWER ANY FOUR QUESTIONS

: EACH QUESTION CARRIES 25 MARKS

: 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) The term '*Housing*' has a broader meaning than the word 'house'. Explain [10]  
B) Differentiate housing in an affluent society and housing in a low income urban settlement [15]

### QUESTION TWO

- A) Discuss the effects of indoor lighting under the following; [8]
- Psychological
  - Physiological
  - Health
  - Accidents
- B) Give the normal % composition of the atmosphere and account for reasons that may cause alteration of this composition. [5]  
C) Describe the Psychological needs in housing development. [10]  
D) How can knowing the principles of housing development help you as an EHO? [2]

### QUESTION THREE

- A) Explain the following two concepts discussing how these two concepts are linked to housing;
1. Environment
  2. Environmental Health [16]
- B) You are asked to give a talk on "sustainable human settlements in an urbanizing world" What points would you highlight? [9]

### QUESTION FOUR

- A) In terms of the Public Health Act No 5 of 1969 and generally what would render a house unfit for human habitation? [10]  
B) Define the word 'housing layout'. What purpose does housing lay out serve in a human settlement? [5]  
C) Artificial light may be classified as, a) accent, b) local and c) general lighting. Explain these classification and state under what conditions each becomes suitable [10]

### QUESTION FIVE

- A) Housing has many role players. Outline the roles of the various stakeholders in housing [12]  
B) Environmental Health Officers often exercise discretion in housing issues. Is it always fair? What are the pitfalls? [6]  
C) Differentiate between the old and new paradigms of housing policy [7]