

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences



**DIPLOMA IN ENVIRONMENTAL HEALTH
SCIENCES**
FINAL EXAMINATION PAPER MAY 2008

TITLE OF PAPER : HOUSING AND HEALTH

COURSE CODE : EHS 304

DURATION : 2 HOURS

MARKS : 75

INSTRUCTIONS : ANSWER ANY THREE QUESTIONS

: EACH QUESTION CARRIES 25 MARKS

: NO PAPER SHOULD BE BROUGHT
INTONOR 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

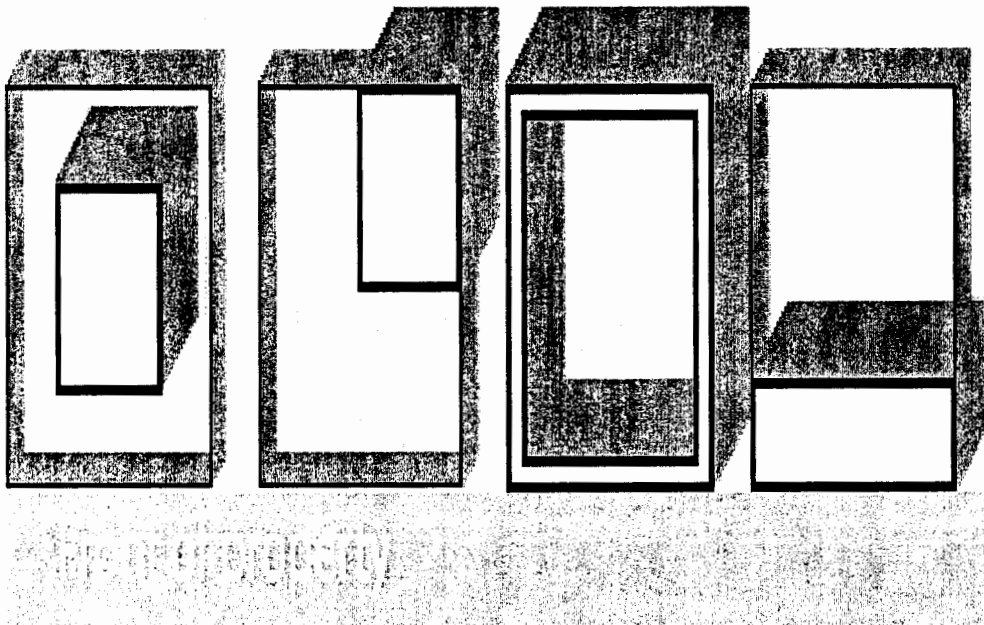
- A) Clarify and comment on the statement '*Housing*' has a broader meaning than the word 'house' [15]
- B) Outline five important issues to consider in dealing with contracts [5]
- C) How can knowledge of the principles of housing development help you as an EHO? [5]

QUESTION TWO

- A) Describe the Psychological needs in housing development. [10]
- B) What constitutes a statutory nuisance particularly in housing according to the Public Health Act 5 of 1969? [10]
- C) Define the word 'housing layout'. What purpose does housing lay out serve in a human settlement? [5]

QUESTION THREE

Consider the following diagram and answer the following questions.



Two storey building comprising 50% of the site area and occupying the centre of a plot

Two storey building occupying a corner of the plot

The equivalent of the two storey building arranged around the periphery of the plot

The equivalent of the two storey building arranged along the front of the plot

- A) Which of the above would be more advantageous to build and why? [5]
- B) What are the likely problems with high rise buildings? [5]
- C) Which type of a residential housing layout do the above represent? Give reasons [5]
- D) Describe the two main types of housing layout that may be used in a development area. What influences the use of each system? [10]

QUESTION FOUR

- A) Discuss the concept 'housing from a user's perspective' [10]
 - B) What are the desired atmospheric conditions in an ordinary work room? [5]

 - B) List the main means of ventilation that may be applied in an ordinary house [2]

 - C) Why is it important to distribute light evenly and what factors affect the distribution of light in a building [8]
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