



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

DEGREE IN ENVIRONMENTAL HEALTH SCIENCES  
**RE-SIT EXAMINATION PAPER JULY 2017**

TITLE OF PAPER : HOUSING AND URBAN DEVELOPMENT

COURSE CODE : EHM 301

DURATION : 2 HOURS

MARKS : 100

INSTRUCTIONS :

- : READ THE QUESTIONS & INSTRUCTIONS CAREFULLY
- : ANSWER **ANY FOUR** 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.

**QUESTION ONE**

- a) Explain the requirements for good settlement design and planning [10]
- b) Explain the significance of the fundamental principles of healthful housing [5]
- c) Is informal human settlements a problem in Swaziland? If so give five ways in which informal human settlements present themselves in Swaziland. [5]
- d) What are the five objectives that any land policy wish to achieve? [5]

**QUESTION TWO**

- a) The World Bank is in the fore front globally in funding settlement upgrading projects. What can we learn from experiences and lessons learned from reviews of upgrading initiatives by the World Bank? Raise the main features. [7]
- b) Discuss housing as a political issue [5]
- c) What are the implications for the Environmental Health Officer's professional judgment and discretion in Housing? [6]
- d) Safety and security is an important consideration in housing. Explain how this is achieved by giving appropriate examples [7]

**QUESTION THREE**

- a) Discuss the theme Legislation and Reconstruction in the urban themes as put forth by UN Habitat. [6]
- b) Give five examples of single use zoning in urban planning and outline opposing arguments in the debate over zoning principles [10]
- c) Indoor environment from the physical point of view-may be considered in terms of four different components. Name these. [4]
- d) Indicate at least five critical policy issues and programmes to be undertaken in Swaziland as part of the National Housing Policy [5]

**QUESTION FOUR**

- a) Outline five reasons why development of a city is important [10]
- b) Differentiate between housing estates and a single house layout [5]

- c) Considering requirements for security, maintenance, sunlight, garden space and safe environment for children in a settlement discuss how these get reflected in urban form? **[5]**
- d) Outline at least five essential features of settlement upgrading according to the World Bank Urban Environment and Poverty alleviation for Africa. **[5]**

**QUESTION FIVE**

- a) Describe the following hierarchy of roads in an urban settlement and state function of each;
- i. Through roads [4]
  - ii. Main access roads [4]
  - iii. Cul-de-sac [4]
- b) Explain the psychological and health effects of poor indoor lighting. [6]
- c) Housing, both as shelter and its social and physical surroundings is crucial for women as a centre of their activities.
- i. Define gender [1]
  - ii. Discuss three gender issues in housing to demonstrate your understanding of the importance of gender in housing. [6]
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