

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences

**BSc DEGREE IN ENVIRONMENTAL HEALTH
SCIENCES**
MAIN EXAMINATION PAPER MAY 2015

TITLE OF PAPER: HOUSING AND URBAN DEVELOPMENT

COURSE CODE : EHM 301

DURATION : 2 HOURS

MARKS : 100

INSTRUCTIONS : ANSWER ANY FOUR QUESTIONS

: EACH QUESTION CARRIES 25 MARKS

**: BEGIN EACH QUESTION ON A SEPARATE SHEET
OF PAPER**

QUESTION ONE

- a) Describe the various methods of mechanical ventilation. [8]
- 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? [5]
- d) Safety and security is an important consideration in housing. Explain how this is achieved by giving appropriate examples [7]

QUESTION TWO

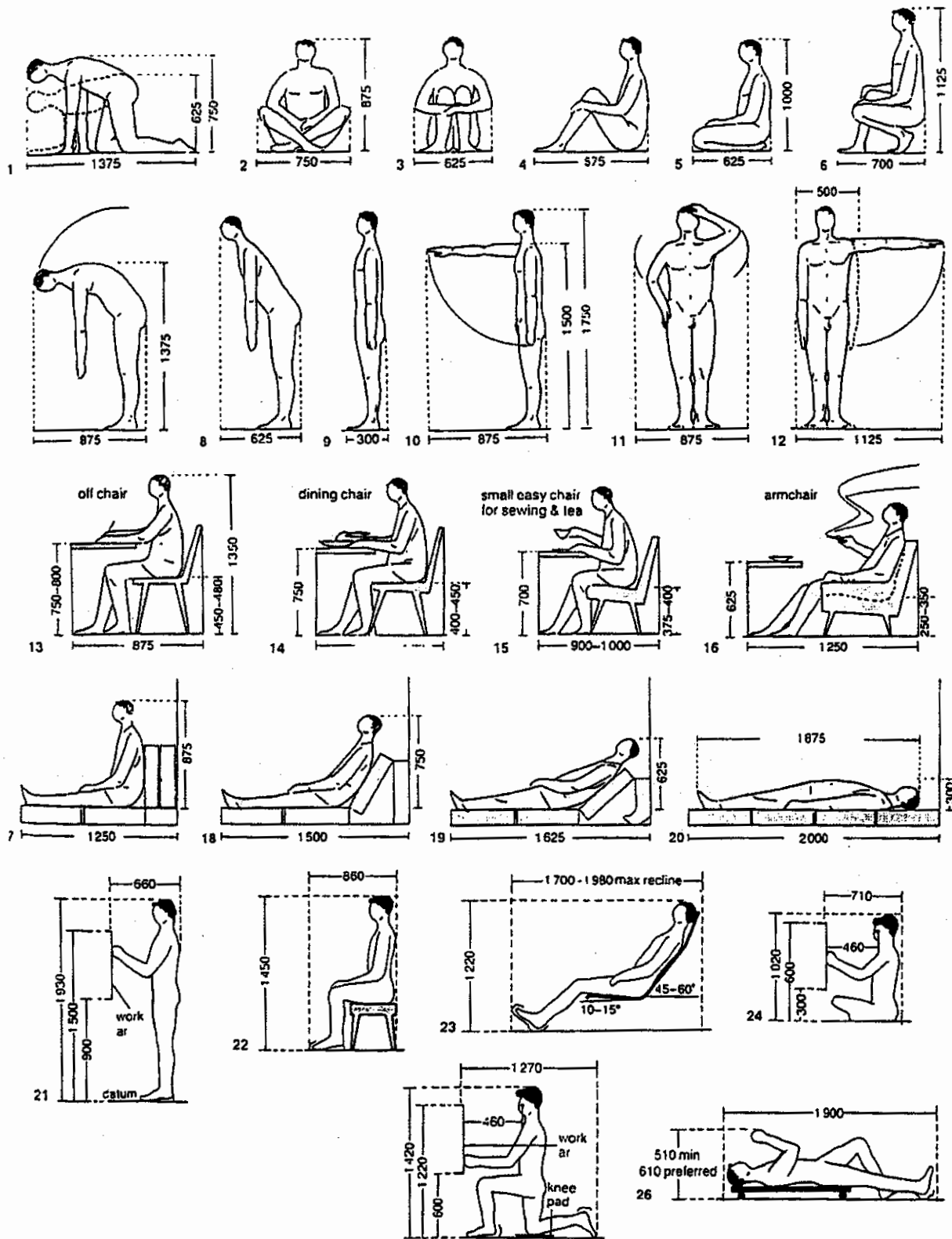
- a) The Vision of the country's Housing Policy of 2001 is that "all Swazi households should have access to affordable sustainable shelter and services". In your opinion, is this Vision attainable? Please justify your standpoint. [10]
- b) Give five reasons that may warrant resettlement of people as a way of human settlement upgrading [5]
- c) Discuss five problems associated with resettlement as a way of settlement upgrading and how such problems are usually solved by governments. [5]
- d) Describe the process of property development from the point of view of the developer [5]

QUESTION THREE

- a) Explain the requirements for good settlement design and planning [10]
- b) Explain the significance of the fundamental principles of healthful housing [10]
- c) Are informal human settlements a problem in Swaziland? If so give five ways in which informal human settlements present themselves in Swaziland. [5]

QUESTION FOUR

- a) Differentiate problems associated with gated communities from those ordinary of un gated townships or communities. [8]
- b) Over leaf please consider the following graphic about functional housing design and outline ten factors, in general and in specific terms that you would consider in functional housing design. [10]



- c) 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]

QUESTION FIVE

- a) Housing, both as shelter and its social and physical surroundings is crucial for women as a centre of their activities.
- i. Define gender [2]
 - ii. Discuss three gender issues in housing to demonstrate your understanding of the importance of gender in housing. [6]
- b) Indoor environment from the physical point of view-may be considered in terms of different components.
- i. Define at least four of these components [8]
 - ii. Give five reasons why good indoor lighting environment is important? [5]
 - iii. Explain the psychological and health effects of poor indoor lighting. [4]