

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

DEGREE IN ENVIRONMENTAL HEALTH SCIENCES

MAIN EXAMINATION PAPER MAY 2019

TITLE OF PAPER

: HOUSING AND URBAN DEVELOPMENT

COURSE CODE

EHS 326

DURATION

2 HOURS

MARKS

100

INSTRUCTIONS

READ THE QUESTIONS & INSTRUCTIONS

CAREFULLY

ANSWER ANY FOUR QUESTIONS

EACH QUESTION <u>CARRIES 25</u> MARKS.

: WRITE NEATLY & CLEARLY

NO PAPER SHOULD BE BROUGHT INTO THE

EXAMINATION ROOM.

BEGIN EACH QUESTION ON A SEPARATE SHEET

OF PAPER.

MAIN EXAM EHS 326 HOUSING AND URBAN DEVELOPMENT MAY 2019

QUESTION ONE

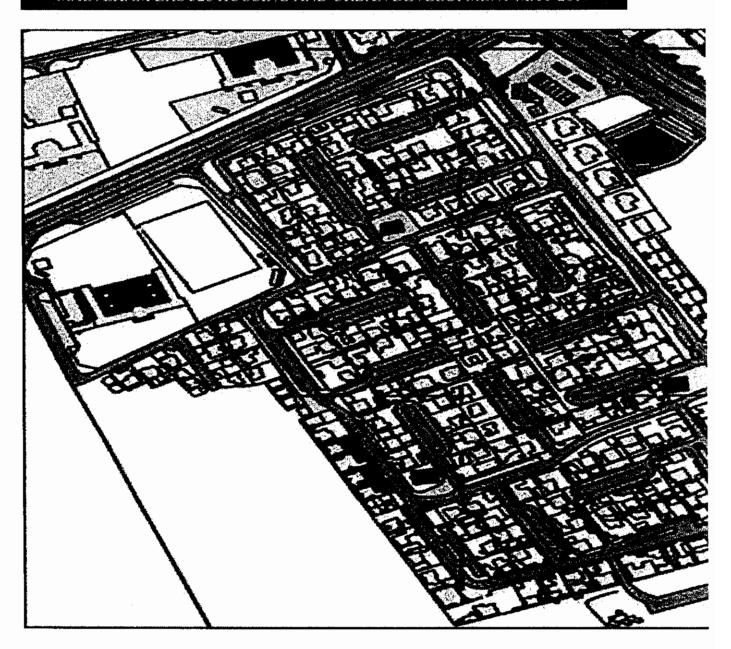
a)	Defin	e the terms:	
	i.	Brownfield	[1]
	ii.	Greenfield	[1]
	iii.	Gender	[1]
b)	b) Specify the relevant pieces of legislations and policies that constitute the legal		
	policy	framework for housing in Swaziland.	[8]
c)	What do you understand by the following in housing and urban development:		
	i.	Socioeconomic aspects	[2]
	ii.	Physical aspects	[2]
d) With regards to zoning in urban development describe and give exam		mples of;	
	i.	Single use zoning	[5]
	ii.	Mixed use zoning	[5]

QUESTION TWO

a) There are four basic principles for healthful housing. State them and give three examples under each. [12]
b) Sustainable human settlements in an urbanizing world is a buzz work. Give four qualities of a sustainable human settlement. [4]
c) Functional Housing Design is an important concept in housing. What does it entail? [5]
d) Explain what is meant by good settlement design and planning [4]

QUESTION THREE

a) The following diagram shows a particular township layout depicting several cul-de-sac.



- i. How many such cul-de-sac does this township have? [3]
 ii. Explain briefly the significance of including these cul-de-sac in township layouts. [3]
 b) The term 'Housing' has a broader meaning than the word 'house'. Differentiate between the conceptualization of housing by John F Turner and UNHabitat [8]
 c) Discuss housing as an

 i. Environment issue [4]
- ii. Urban development issue
 d) As a student of Housing Studies you are asked to give advice for suitable conditions for working indoor environments. What would you advise? [3]

QUESTION FOUR

a)	Ventilation is very important in housing.		
	i. define ventilation	[1]	
	ii. state five objectives served by ventilation in housing	[5]	
b)	Indoor environments and outdoor environments are critical in human settlements.		
	i. Outline aspects of the indoor environments from the physical point of view	/[5]	
	ii. Outline aspects of the outdoor environments from a social point of view as	per	
	the Holma model	[5]	
c)	You have been invited to visit an old informal settlement in Manzini for purposes	of	
	profiling the conditions therein. Highlight at least six housing conditions you will		
	expect to find at this place.	[6]	
d)	As a graduate of housing studies you are appointed to advise the municipalities in		
	Swaziland on how to strengthen their property tax systems. Outline at least three		
	focus areas that you would advise that need strengthening.	[3]	
QUES	STION FIVE		
a)	According to UN Habitat which ten programs must a local authority focus on in or		
	to be highly rated in urban development issues?	[10]	
b)	Indicate at least five critical policy issues and programmes to be undertaken in		

c) Explain the statement 'if the housing market claims to be a market it must fully

e) Considering the Maslows hierarchy of needs theory. Describe how the five levels in

[5]

[3]

[3]

[4]

Swaziland as part of the National Housing Policy

d) Outline the critical steps in the property development process

represent the market economy'

this theory gets linked to housing.