



**FACULTY OF ENGINEERING AND ENVIRONMENT
DEPARTMENT OF GEOMATICS AND SURVEYING**

RURAL AND URBAN (SPATIAL) PLANNING

EGS 1211

Final Examination Paper

August 2021

This examination paper consists of 3 pages

Time Allowed: 3 hours

Total Marks: 100

Examiner's Name: Ms. S Chapunza

INSTRUCTIONS

1. Answer **ALL** Questions.
2. Marks are as allocated on each question.
3. Use of calculators is permissible

Question 1: Introduction to Planning: Concepts and Models [25]		
1a.	Using illustrations and examples, define the following concepts explaining their importance to national development:	
	i. Strategic Planning	5
	ii. Land Use Planning	5
b.	Describe and explain the following planning models;	
	i. Concentric Zone Model	5
	ii. Sector Model	5
	iii. Multiple Nuclei Model	5
Question 2: Rural and Urban Planning and Economic Development [25]		
2a.	Critique the idea that rural planning is unnecessary and should only be considered as remedial action highlighting this notion's consequences to planning principles.	15
b.	Describe and explain the dangers of neglecting urban-rural linkages in planning to national economic development.	10
Question 3: Spatial Planning and Climate Change [25]		
3a.	Spatial planning is a key theme of environmental issues and sustainable development. Discuss the role of spatial planning in land and water resource management as a way of mitigating the effects of climate change.	15
b.	Climate change is fast becoming one of the major contributors of migration. Define migration and explain how climate change is affecting people, agricultural systems, their habitats and therefore, leading to migration.	10
Question 4: Planning Regulations and Social Equity [25]		
4a.	Giving examples, explain the difference between bye-laws and planning regulations.	5
b.	Outline how you would go about designing a land use plan as guided by the Regional, Town and Country Planning Act [Chapter 29:12].	10
c.	Using any region, town or rural area of your choice, are Zimbabwe's planning regulations producing kind of development needed by the respective	10

	communities? If not, what areas should be improved?	
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