

**NATIONAL UNIVERSITY OF LESOTHO**

**BURP EXAMINATIONS**

**GES2313-URBAN FUTURES**

**JANUARY 2024**

**100 MARKS**

**TIME: 3 HRS**

---

**INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS**

**QUESTION 1**

- a) How might you define sustainable urban development? (5)
- b) In sustainable development discourse, what does each of the following pillars/spheres stand for and how are the spheres related? (5)
- i) Economic pillar/sphere (5)
  - ii) Social pillar/sphere (5)
  - iii) Ecological/environmental pillar/sphere (5)

**[25 marks]**

**QUESTION 2**

With the aid of examples/illustrations from your reading, discuss the main drivers of Africa's urban transitions. The following are some key concepts around which you may wish to build your discussion:

- Natural population growth/urban demographic dividend
- Migration (internal & trans-national migrations)
- Settlement (re)classification
- Intermediate/secondary cities
- Declining cities/emerging cities

**[25 marks]**

**QUESTION 3**

Choose and discuss any three key challenges to sustainable urban transitions in Africa from those listed below. Provide examples to substantiate your discussion.

- i) Poverty
- ii) Informal settlements
- iii) Urban violence
- iv) Urban planning and governance

**[25 marks]**

**QUESTION 4**

- i) Explain any three (3) impacts of climate change on cities. (9)
- ii) Explain any two (2) mitigation measures that cities may implement in order to reduce or halt GHG emissions. (8)
- iii) Explain any two (2) adaptation measures that cities can implement in order to enhance their resilience to climate change impacts. (8)

**[25 marks]**

### QUESTION 5

- i) What are Urban Living Labs (ULLs)? (8)
- ii) With reference to examples from your reading, explain the role of ULLs in championing the transition to sustainable urban futures. (17)

**[25 marks]**

### QUESTION 6

Provide notes on each of the concepts below to demonstrate your thorough understanding of what each concept entails:

- i) Sustainability transitions (5)
- ii) Technology (5)
- iii) Technology niche (5)
- iv) Socio-technical regime (5)
- v) Socio-technical change (5)

**[25 marks]**