



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

**THIRD YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN GEOSPATIAL INFORMATION SCIENCE
WITH INFORMATION TECHNOLOGY**

CITY CAMPUS - REGULAR

PGS 322: ANALYSIS OF URBAN GROWTH AND DYNAMICS

Date: 30th November, 2015

Time: 9.00 - 11.00 am

INSTRUCTIONS:

- Answer question ONE and any other TWO questions.



PGS 322: ANALYSIS OF URBAN GROWTH AND DYNAMICS

INSTRUCTIONS: Answer question ONE and any other TWO questions

- 1.a)The urban growth is attributed to both natural population growth, and rural to urban migration. Highlight six key issues for the urban poor **6 marks**
- b)Discuss at least 5 misconceptions about urban poverty. **10 marks**
- c)Satterthwaite summarizes a number of authors to argue in favor of an even broader interpretation of urban poverty that includes measures of exclusion. State the eight aspects of urban poverty that he identifies. **8 marks**
- d)State two strategies used in the measuring of urban poverty **2 marks**
- e)Urban poverty is a multidimensional phenomenon. The urban poor live with many deprivations. State any 4 of these deprivations **4 marks**
- 2.a)With aid of a diagram, explain the cumulative impacts of urban poverty. **10 marks**
- a) National and County policymakers in Kenya need to design public actions specifically meant to address urban poverty. What benefits can be gained for both the poor and non poor? **10 marks**
- 3.a)With aid of diagram explain the conceptual framework of urban poverty **10 marks**
- b)Discuss the role of GIS in urban poverty mapping **10 marks**
- 4.Several sets of metrics have been developed to measure specific aspects of urban spatial structure. Discuss five attributes used for quantifying urban sprawl **20 marks**

5. Discuss the scope of the urban poverty in Kenya, policies and programs implemented by different stakeholders (Government and other Organizations) for reduction of urban poverty. **20 marks**

- 6 a) With reference to key issues in urban analysis,
- i) State the four Urban Patterns/trends and their implications **4 marks**
 - ii) Explain the three Problems triggered by urban forms **6 marks**
- b) Urban analysis can be addressed under four components. Discuss these four components **10 marks**