



# **MASENO UNIVERSITY**

## **UNIVERSITY EXAMINATIONS 2017/2018**

### **FOURTH YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS IN URBAN & REGIONAL PLANNING WITH INFORMATION TECHNOLOGY**

#### **CITY CAMPUS -REGULAR**

#### **PUR 416: PLANNING FOR HEALTH SERVICES**

Date: 20<sup>th</sup> February, 2018

Time: 9.00 -12.00pm

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#### **INSTRUCTIONS:**

- Answer Question ONE and any other TWO



### **Question 1**

- a) Discuss five reasons as to why factoring in health concerns into spatial planning would have a positive impact on community health and wellbeing. **[18 marks]**
- b) Briefly discuss the use of the following concepts in community healthcare planning. **[12 marks]**
- i. Police power of the state
  - ii. Facility range and threshold population
  - iii. Locally unwanted land uses (LULUs)

### **Question 2**

'The professions of Urban Planning and Public Health sprang directly from the same source'. Carefully evaluate this statement, highlighting the connections and disconnections between urban planning and public health over space and time. **[20 marks]**

### **Question 3**

Identify and discuss the main factors to consider in the spatial layout of healthcare facilities. **[20 marks]**

### **Question 4**

Evaluate the use of Central Place Theory as a basis for organizing facility hierarchies in the Kenyan health referral system. **[20 marks]**

### **Question 5**

Discuss the role of spatial politics in the siting of healthcare facilities in Kenya. **[20 marks]**

### **Question 6**

Assess the key challenges of healthcare delivery under the devolved system of government in Kenya. **[20 marks]**

1.a) Using relevant examples, briefly describe the following types of regions

- i) Homogeneous Regions (5 Marks)
- ii) Nodal Regions (5 Marks)
- iii) Functional Regions (5 Marks)
- iv) Programming Regions (5 Marks)

b) Examine the need for Regional Analysis and Planning. (10 Marks)

2. Examine the rationale for Regional Planning in Kenya. (20 marks)

3. Discuss the various approaches to regional development planning that have been used in Kenya during the Post-Independence Period. (20 Marks)

4. Examine the Strategy of Promoting Balanced Regional Development adopted in Kenya's National Spatial Plan. (20 Marks)

5. a) Briefly describe the Urbanization Strategy in Kenya. (10 Marks)

b) Explain the challenges affecting balanced and controlled pattern of urbanization in Kenya. (10 Marks)

6. Discuss ANY TWO of the following theories/ models of Regional Development.

- i) Theory of Location and Land use (10 Marks)
- ii) Balanced and Unbalance Growth Theories (10 Marks)
- iii) Growth Poles and Growth Centres (10 Marks)
- iv) Central Place Theory (10 Marks)