

W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2018/2019**

**YEAR IV SEMESTER I EXAMINATION FOR THE DEGREE OF BACHELOR OF ARCHITECTURAL TECHNOLOGY**

**ABA 2402: URBAN STUDIES**

**DATE: DECEMBER 2018 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE**

1. Describe the main characteristics of the following city concepts;
2. Garden City
3. Broad Acre City
4. Smart City
5. New Urbanism
6. Place Theory [15 marks]
7. In your view, explain which of these city concepts could improve the functionality and performance of African Cities. [5 marks]
8. Discuss the key ideas of Jane Jacobs and Robert Moses regarding Urban Development. Explain whose ideas you think could best guide present and future development of Nairobi. [8 marks]
9. Define the following:
10. Urban Design [1 mark]
11. Urban Planning [1 mark]

**QUESTION TWO**

1. Define the following elements. Discuss the influence on each on the form and function of cities;
2. Mixed use
3. Street pattern
4. Density
5. Building Heights
6. Depth space from carrier space
7. Compactness of space [12 marks]
8. Using the rebuilding of Paris (1850s – 70s) as an example; discuss the key factors that can influence the successful rebuilding or redevelopment of a city. [8 marks]

**QUESTION THREE**

Describe the role of the following in the spatial layout and development of pre-independent Nairobi;

1. Topography
2. Planning philosophy
3. Railway line
4. Legislation
5. Social Structures. [20 marks]

**QUESTION FOUR**

Discuss key characteristics of orthogonal, linear, radial and circular urban forms citing examples from past or present cities and urban settlements. [20 marks]