



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2018/ 2019 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT**

**BACHELOR OF URBAN AND REGIONAL
PLANNING**

COURSE CODE: URP 1104

**COURSE TITLE: SETTLEMENT AND URBAN
MORPHOGENESIS**

DATE: 10TH DECEMBER, 2018

TIME: 0830 - 1030 HRS

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

SECTION A: ANSWER ALL QUESTIONS (25 MARKS)

1. a) Define the following terms
 - i. Urban form **(2 marks)**
 - ii. Urban fabric **(2 marks)**
 - iii. Urban structure **(2 marks)**
 - iv. Urban texture **(2 marks)**
 - v. Urban grain **(2marks)**
- a) Explain the two types of formation and transformation of human settlements **(4 marks)**
- b) Discuss the following concepts of urban morphology
 - i. Figure and ground theory **(2 marks)**
 - ii. Linkage theory **(2 marks)**
 - iii. Place theory **(2 marks)**
- c) Streets are important urban spaces that have multiple spatial, social and economic functions. Explain how streets and sidewalks can play a role in enhancing urban safety **(5 marks)**

SECTION B: ANSWER ANY THREE QUESTIONS (45 MARKS)

2. a) Discuss any five types of land uses citing examples of places you are well familiar with **(10 marks)**.
- b) Explain any two sources of data for urban morphology **(4 marks)**.
- c) State the method used to collect ground truth points data **(1 mark)**.

3. a) Using an illustration, describe the key characteristics of the following urban forms citing example from past or present cities and urban settlements
- i. Orthogonal **(3 marks)**
 - ii. Linear **(3 marks)**
 - iii. Radial **(3marks)**
- b) Discuss the three types of land ownership in Kenya **(6 marks)**
4. Explain the social, economic and environmental impacts of urbanization **(15 marks)**
5. You have been hired by the government to conduct a study on urban morphology in Narok County
- a) List the three urban forms your study will be interested in **(3 marks)**.
 - b) Discuss the three quantitative methods you will use for your study **(6 marks)**.
 - c) Discuss three methods you will use to present your findings **(6 marks)**.

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