



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY
EXAMINATIONS
2018/ 2019 ACADEMIC YEAR
THIRD YEAR SECOND SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF URBAN AND REGIONAL
PLANNING
COURSE CODE: URP 3203
COURSE TITLE: URBAN PLANNING II**

**DATE: 26TH APRIL 2019
1430 - 1630 HRS**

TIME:

INSTRUCTIONS TO CANDIDATES

- Section **A** is compulsory
- Answer any **THREE** questions in section **B**

**This paper consists of 2 printed pages. Please turn over
SECTION A: ANSWER ALL QUESTIONS (25 MARKS)**

- 1 a) Define the following terms as used in urban planning
- | | |
|---------------------|-----------------|
| i. Land inventory | (1 mark) |
| ii. Infrastructure | (1 mark) |
| iii. Parcelization | (1 mark) |
| iv. Utility systems | (1 mark) |
- b) Explain the **four** types of biomes used in land inventory
(4 marks)
- c) Describe any **Six** distinct combinations of physical attributes used in site analysis
(6 marks)
- d) Briefly describe the **two** theories that are associated with spatial organization of land-uses in an urban area
(2 marks)
- e) Using illustrations, discuss any **two** physical layouts for an urban area
(4 marks)
- e) Explain **five** factors that determine the location of infrastructure in an urban area
(5 marks)

SECTION B: ANSWER ANY THREE QUESTIONS (45 MARKS)

- 2 a) Using illustrations, describe various key design considerations for road network planning
(8 marks)
- b) Discuss key emerging issues shaping modern day planning practices

**(7
marks)**

3 a) Write a short essay on how urban design can be used to enhance urban sustainability

(7 marks)

b) Discuss the various levels of site planning

(8 marks)

4 a) Discuss the leading causes of urban decay

(8 marks)

b) Explain the urban renewal strategies that can be used in rejuvenating decaying urban regions

(7 marks)

5 a) Discuss strategies that blue cities employ as green infrastructure design

(10 marks)

b) Outline key principles of sustainable neighborhood design

(5 marks)

//END