



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

TIME: 1430 - 1630 HRS

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)

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