



# **MAASAI MARA UNIVERSITY**

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

**SCHOOL OF TOURISM AND NATURAL  
RESOURCE MANAGEMENT  
DEGREE IN ENVIRONMENTAL PLANNING AND  
MANAGEMENT**

**COURSE CODE: EPM 402**

**COURSE TITLE: URBAN DESIGN AND PLANNING**

**DATE: 6<sup>TH</sup> DECEMBER 2018**

**TIME: 1100 - 1300 HRS**

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## **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: 25 MARKS (COMPULSORY)**

- 1) Describe line as an urban design element (5 mks)
- 2) Outline site planning principles in urban design (5 mks)
- 3) Describe green spaces in an urban area (5 mks)
- 4) Outline the significance of zoning as an instrument of controlling land use in urban areas (5 mks)
- 5) Differentiate between linear and curvilinear systems in urban design (5 mks)

**SECTION B: 45 MARKS (ANSWER ANY THREE QUESTIONS)**

- 6) Discuss the economic considerations that are taken into account while carrying out site planning in an urban setting (15 mks)
- 7) Using Narok town as a case study, discuss urban drainage systems (15 mks)
- 8) Discuss the implications of failing to implement an urban plan on transport network (15 mks)
- 9) Discuss the concepts of renewal and redevelopment in urban planning (15 mks)

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