



JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

University Examinations 2018/2019

EXAMINATION FOR THE DEGREE OF BACHELOR

ALP 2408: URBAN PLANNING II

DATE: DECEMBER, 2018

TIME: 2 HOURS

INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE: 20 MARKS

- a. Outline some of the key urban management challenges experienced in major towns in Kenya. (6 marks)
- b. Briefly explain the components of Urban resilience. (8 marks)
- c. What are some of the manmade factors that influence site planning. (8 marks)
- d. Write short notes on the components of urban analysis. (8 marks)

QUESTION TWO: 20 MARKS

- a. Using sketches, illustrate three different options for a mixed use street design on a 20m corridor. Give brief descriptions of your sketches, and where each is ideal. (12 marks)
- b. What are some of the key design considerations for an efficient urban transportation system. (8 marks)

QUESTION THREE: 20 MARKS

- a. Using sketches, illustrate two different patterns of urban sprawl indicating their possible causes. (10 marks)
- b. Discuss the key opportunities and challenges triggered by different patterns of urban form. (10 marks)

QUESTION FOUR: 20 MARKS

You have been hired as a consultant to deliver affordable housing under Agenda 4 for the Kenyan Government. Develop a performance criteria to gauge sustainability of housing proposals.