



# MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

THIRD YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF ENVIRONMENTAL STUDIES AND COMMUNITY DEVELOPMENT

ECD 306: HUMAN SETTLEMENT, ENVIRONMENT AND DEVELOPMENT

DATE: 24/9/2019

TIME: 11.00-1.00 PM

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## **INSTRUCTIONS:**

Answer question ONE and any other TWO questions

### **QUESTION ONE (COMPULSORY) (30 MARKS)**

- a) Differentiate between settlement patterns and settlement features. (2 marks)
- b) Outline six recommendations for provision of relevant housing policies. (12 marks)
- c) Using examples, explain six drivers of settlement patterns in Kenya. (12 marks)
- d) Explain four aspects that the right to adequate housing must take into consideration. (4 marks)

### **QUESTION TWO (20 MARKS)**

- a) Outline five climate change impacts on urban settlements. (10 marks)
- b) Explain four physical factors that influence the location of a settlement. (10 marks)

### **QUESTION THREE (20 MARKS)**

- a) Describe five opportunities (possible solutions) to challenges facing governments globally in provision of adequate human shelter. (10 marks)
- b) What are the specific roles of the four institutions under EMCA 1999? (10 marks)

### **QUESTION FOUR (20 MARKS)**

- a) Explain five principles that guide the establishment of human settlements as basic need and rights. (10 marks)
- b) Explain five ways through which the national government and County governments can achieve prevention of formation of new informal settlements. (10 marks)

### **QUESTION FIVE (20 MARKS)**

- a) What are the specific roles of EMCA 1999? (10 marks)
- b) What are the challenges associated with rural-urban migration? (10 marks)