



MACHAKOS UNIVERSITY

University Examinations for 2016/2017 Academic Year

SCHOOL OF AGRICULTURE AND NATURAL RESOURCE MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL STUDIES

**THIRD YEAR FIRST SEMESTER EXAMINATION FOR
BACHELOR OF ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)**

ECD 306: HUMAN SETTLEMENT, ENVIRONMENT AND DEVELOPMENT

DATE: 25/7/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS:

Answer Questions One and Any Other Two Questions Section A

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Explain the following terms :
- i. Hamlet (2 marks)
 - ii. Eco- settlement (2 marks)
 - iii. Settlement pattern (2 marks)
 - iv. Metropolis (2 marks)
 - v. Linear settlement (2 marks)
- b) Differentiate between rural and urban settlements. (10 marks)
- c) Describe the relationship between water resources and human settlements. (10 marks)

SECTION B: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

QUESTION TWO (20 MARKS)

Human settlements can have a huge impact on environmental quality. Discuss, citing relevant examples. (20 marks)

QUESTION THREE (20 MARKS)

Explain 10 measures that can be put in place to ensure that Nairobi becomes a sustainable city
(20 marks)

QUESTION FOUR (20 MARKS)

Discuss five factors that influence the development of human settlement in a particular locality
(20 marks)

QUESTION FIVE (20 MARKS)

Discuss five challenges faced when planning human settlements in Kenya. (20 marks)