

TECHNICAL UNIVERSITY OF MOMBASA
School of Environmental Studies
DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

BSC (MARINE RESOURCE MANAGEMENT)

AES 4207: COASTAL SETTLEMENT & INFRASTRUCTURAL DEVELOPMENT

END SEMISTER: EXAMINATIONS

SERIES: APRIL 2015

TIME: 2 HOURS

INSTRUCTIONS

Question **ONE** (30 mks) is (compulsory)

Answer any other **TWO** questions (20 mks in each)

Question ONE

- a) Define the following concepts:
 - i. Settlements (2mks)
 - ii. Sustainable city (2 mks)
 - iii. Sustainable development (2 mks)
- b) Explain the social impacts of urban settlements (3 mks)
- c) Describe the characteristics of the following types of settlements:
 - i. Urban settlements (3 mks)
 - ii. Rural settlements (3 mks)
 - iii. Sur-urban settlements (3 mks)
- d) Explain the basic conditions necessary to trigger human development (4 mks)
- e) Describe factors that triggered establishment of settlements in the past (5 mks)
- f) State any **THREE** legal frameworks useful in controlling human settlements (3 mks)

Question TWO

With appropriate examples discuss the threats and obstacles to biodiversity conservation (20 mks)

Question THREE

Briefly discuss **THREE** theories for analyzing settlements (20 mks)

Question FOUR

Discuss challenges for human settlement and development (20 mks)

Question FIVE

Explain the indigenous knowledge of mijikenda community in conservation and protection of coastal forests (20 mks)