



# Technical University of Mombasa

*Faculty of Applied and Health Sciences*

**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**

DIPLOMA IN ENVIRONMENT AND HEALTH  
(DEH 11M )

**AES 2305 : ENVIRONMENT AND TOWN PLANNING**

**SUPPLEMENTARY/SPECIAL: EXAMINATIONS**

**SERIES: MARCH 2014**

**TIME: 2 HOURS**

## **INSTRUCTIONS:**

You should have the following for this paper

- *Answer booklet*

This paper consists of **FIVE** questions.

Answer Question **ONE (compulsory)** and any other **TWO** questions

*This paper consists of 2 PRINTED pages*

## QUESTION ONE

The county of Mombasa is mandated by the Urban planning Act of 2007 to undertake planning of towns within its jurisdiction. Suppose your consultancy firm has won a contract to undertake a town planning process for a town adjacent to Mombasa town but within this county. Answer the following questions;

- a) Why would you consider public participation as mandatory during this process? **(3 marks)**
- b) Which methods would you use to ensure public participation? **(5 marks)**
- c) How would you stimulate citizen input? **(2 marks)**
- d) What aspects of the town population would you analyse to assist in the planning process? **(5 marks)**
- e) Identify and explain the key obstacles that are likely to hinder the implementation of the plan. **(5 marks)**
- f) What is zoning? Outline the role of land use zoning in your plan. **(5 marks)**
- g) State and briefly describe three urban spatial patterns that you may consider for the town. **(5 marks)**

## QUESTION TWO

Using specific examples, critically assess the possibilities as well as constraints to climate change adaptation in towns located in the developing world.

**(15 marks)**

## QUESTION THREE

Successful town management relies on managing environmental resources as assets that are crucial to a town's goals, important to ecosystem health, and beneficial to the community. Discuss this statement in relation to environment and town planning **(15 marks)**

## QUESTION FOUR

Slums are a product of a mixture and interplay of so many forces and factors. Discuss. **(15 marks)**

## **QUESTION FIVE**

Discuss how town planning elements cause environmental and health concerns.

**(15 marks)**