



# Technical University of Mombasa

*Faculty of Applied and Health Sciences*

DEPARTMENT OF **ENVIRONMENT AND HEALTH SCIENCE**

DIPLOMA IN ENVIRONMENTAL HEALTH (DEH)  
DIPLOMA IN ENVIRONMENTAL HEALTH (DEH 11M)

**AES 2305 : ENVIRONMENT AND TOWN PLANNING**

**SEMESTER:** END OF SEMESTER EXAMINATIONS

**SERIES:** DECEMBER, 2013

**TIME:** 2 HOURS

## **INSTRUCTIONS TO CANDIDATES:**

You should have the following for this paper

- *Answer booklet*

This paper consists of **FOUR** questions.

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

*This paper consists of **THREE PRINTED** pages*

**(Compulsory – Answer ALL Questions)**

### **Question ONE**

Real estate investment is one of the most thriving businesses today to address the problem of housing in major towns of Kenya. Suppose you have won a contract to undertake a planning process for one of the upcoming neighborhoods in the outskirts of Mombasa town, answer the following questions:

- (a) What is neighborhood planning? **(2 marks)**
- (b) Which professional advisors would you consider to assist you during the planning process? **(2 marks)**
- (c) What features would you consider to make the neighborhood outstanding in your plan? **(5 marks)**
- (d) Identify and explain planning elements that are likely to have an impact on local environmental conditions and human health. **(5 marks)**
- (e) Why would you consider public participation as mandatory in the planning process? **(2 marks)**
- (f) What aspects of the local population would you analyze to assist in the planning process? **(5 marks)**
- (g) Identify and explain the key obstacles that are likely to hinder the implementation of the plan. **(5 marks)**
- (h) Identify and briefly explain the potential benefits that this neighborhood is likely to reap from creation of green spaces in your plan. **(4 marks)**

**(Answer Any Other TWO Questions)**

### **Question TWO**

Discuss how early agriculture contributed to development of towns. **(15 marks)**

### **Question THREE**

Discuss the key strategies that town planners should consider while planning for public utilities and services. **(15 marks)**

### **Question FOUR**

Citing Nairobi metropolitan as an example, discuss the options available for town planners towards achieving efficient transport services for city dwellers. **(15 marks)**

### **Question FIVE**

Discuss how successful management of towns is dependent on the management of environmental resources as crucial natural assets. **(15 marks)**