



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of Jkuat)

Faculty of Engineering and Technology

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING

**DIPLOMA IN ARCHITECTURE (DA 10A)
YR II SEM II**

EBC 2220: PLANNING & ENVIRONMENTAL MANAGEMENT

END OF SEMESTER EXAMINATION

SERIES: AUGUST/SEPTEMBER 2011

TIME: 3 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer booklet*

This paper consists of **FIVE** questions

Answer **ALL** questions

Each question carries 20 marks

This paper consists of **TWO** printed pages

Question 1

State TEN planning theory concepts

Question 2

Explain the following:

- a) Spatial planning
- b) A spatial planning
- c) Descriptive planning
- d) Prescriptive planning
- e) Multi-disciplinary planning
- f) Cyclic nature
- g) Process planning
- h) Blue-print planning

Question 3

Briefly explain:

- (a) Planning process
- (b) Planning steps

Question 4

Outline the following requirements for infrastructure planning

- a) Physical features
- b) Population
- c) Employment
- d) Shopping
- e) Education
- f) Recreation
- g) Housing

Question 5

Explain:

- a) Land use planning
- b) Zooming structure