



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

Faculty of Engineering

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING

DIPLOMA IN ARCHITECTURE
(DA 09)

EB 2210: ARCHITECTURAL DESIGN I

END OF SEMESTER I EXAMINATION

SERIES: APRIL/MAY 2010

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination:

- Answer Booklet
- Drawing Instruments
- Drawing Paper Size A0.

This paper consists of **FIVE** questions.
Answer **THREE** questions.

Question **ONE** is compulsory.

Maximum marks for part of each part of question are as shown.

- Q.1 (a) Client (shopkeeper) wants an estate of 7 houses – 2 storey with 2 or 3 bedrooms.
- Size of plot is 10x42m and each sub-plot 10x6m.
All relevant by-laws and technologies will apply.
- Formulate a design brief for the project. (20 marks)
- (b) Analyse the brief using briefing a chart. (10 marks)
- Q.2 Sketch solution plan indicate furniture, fittings for the project in 1(a) above. (20 marks)
- Q.3 Project (from plan) sketch a section and elevations for the project in 1(a) above. (20 marks)
- Q.4 Sketch 3-d view of a group of houses. (20 marks)
- Q.5 Sketch a site plan of 7 massonettes for the project in 1(a) above. (20 marks)