



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

((A Constituent College of JKUAT)

(A Centre of Excellence)

Faculty of Engineering & Technology in Conjunction with Kenya Institute of Highways and Building & Technology (KIHBT)

DEPARTMENT OF BUILDING & CIVIL ENGINEERING

HIGHER DIPLOMA IN CONSTRUCTION (BUILDING ECONOMICS OPTION)

EBE 3105: CONSTRUCTION TECHNOLOGY & SERVICES

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2012 TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- Answer Booklet
- Calculator
- Drawing Instruments

This paper consists of **FIVE** questions

Answer any THREE questions

b) Briefly explain the conditions that would necessitate underpinning.

a) With the aid of sketches, describe the perimeter trench method of basement excavation.

Question Five (20 marks)

(6 marks)

(8 marks)

c)	State THREE factors to be considered when placing concrete in foundations in a late	rge contract. (6 marks)