

**MURANG'A COLLEGE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL ENGINEERING
CRAFT IN ELECTRICAL ENGINEERING
MODULE ONE (I)
CLASS: EE/P/12C (B)
END OF TERM (II) EXAMINATIONS
TIME: 2½ 2 HOURS
DATE: 28TH AUGUST 2012**

INSTRUCTIONS TO CANDIDATES

- Attempt all Questions
- All questions carry equal marks.

QUESTION ONE

(a) Define the following terms

- (i) Specific latent heat of fusion
- (ii) Specific heat capacity. (4 marks)

(b) A block of metal of mass 150g at 100o C dropped into a lagged calorimeter