TECHNICAL UNIVERSITY OF KENYA

BACHELOR OF ENGINEERING IN ELECTRICAL & ELECTRONICS ENGINEERING CAT TWO: EEEQ462 CONTROL SYSTEMS ENGINEERING B

DATE: November 2018 DATE DUE:29th November

INSTRUCTIONS

- 1. Attempt all questions.
- 2. All workings must be clearly shown.

QUESTION ONE

- a) Define lead-lag compensation. [2 marks].
- b) List three effects of negative feedback [3 Marks]
- c) State three effects and two limitations of lag compensators [5 Marks].
- d) Briefly explain "compensating networks" and list three commonly used electrical compensating networks.[5 Marks]
- e) State five effects of lead compensation. [5 marks]

** END OF CAT TWO **