COURSE CODE: FRM 503
COURSE TITLE: FOREST MANAGEMENT TECHNIQUE
TIME ALLOWED: Two Hours
DATE: TUESDAY 29TH JUNE, 2010
INSTRUCTION: Answer any FOUR Questions.

1.(a) Define Yield regulation.
(b) Yield regulation and its objectives can be broadly discussed under 4 headings.

2.(a) Write briefly an annual coupe method.
(b) How can you make up for the short falls in yield during the first rotation?

3.(a) What is increment?
(b) Concisely discuss the effect of site quality in the increment of a stand.

4.(a) What is stocking in a forest stand?
(b) Briefly describe some of the methods of expressing stocking in a forest stand.

5.(a) Differentiate between MAI and CAI.
(b) Diagrammatically describe the relationship between CAI and MAI and its significance.
(c) Explain the different ways by which increment can be measure in a forest stand.

6.(a) Why is it necessary to keep records in forestry?
(b) Write briefly on 5 types of records you will keep as a forest officer in Arakanga Forest Reserve.