



**UNIVERSITY OF AGRICULTURE, ABEOKUTA**  
**COLLEGE OF ENVIRONMENTAL RESOURCES MANAGEMENT**  
**DEPARTMENT OF FORESTRY AND WILDLIFE MANAGEMENT**

**FIRST SEMESTER EXAMINATION 2009/2010 SESSION**

**COURSE CODE:** FRM 507

**COURSE TITLE:** ADVANCE SILVICULTURE

**DATE:** FRIDAY 9<sup>TH</sup> JULY, 2010

**TIME ALLOWED:** Two Hours

**INSTRUCTION:** Answer any THREE Questions.

- 1.(a) List and discuss the different planting methods in plantation establishment.
- (b) Outline the reasons for using seedlings.
  
- 2.(a) Write short notes on the following
  - (a) Species trials
  - (b) Elimination trial
  - (c) Yield trial
  - (d) Growth trial
  
3. Discuss the socio-economic factors in plantation development in Nigeria.
  
- 4.(a) What are the contributions of plantation forest to rural development?
- (b) Outline the causes of failure in plantation establishment.
  
5. Pruning and thinning are cultural operations that can enhance the timber value in a plantation. Discuss.