



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
14/16, Ahmadu Bello Way, Victoria Island

**SCHOOL OF SCIENCE AND TECHNOLOGY**  
**October, 2013 Examination**

AGRICULTURAL EXTENSION AND MANAGEMENT PROGRAMME

***COURSE CODE: AEM 713***

***COURSE TITLE: TREE CROP PRODUCTION***

***ANSWER ANY FOUR QUESTION IN TWO HOURS***

**Question 1**

- a) Identify any 5 plantation crop commonly grown in Nigeria using their botanical names only.
- b) List any five products you can obtain from oil palm tree.
- c) State any five economic importances of some specific tree crops.

**Question 2**

- a) List any five climatic conditions required for consideration while attempting to set up a plantation of tree crops
- b) List any three edaphic /soil factors that must be favourable in the choice of site for growing tree crops.
- c) Briefly describe the step you will take to choose a site for planting oil palm tree

**Question 3.** Write a short note on each of the following plantation crops field practices.

- i) Pruning ( ii) shading ( iii) Mulching (iv) propping (v) Nursery practices.

**Question 4.**

- a) List any five simple tools you will use on a plantation field.
- b) Describe any 3 types of weeding require in oil palm production.
- c) Give reasons why shading is required in cocoaplantation.

**Question 5.**

- a) ( i)Mentionany disease of oil palm tree (ii) name their causal organisms (iii) together with their mode of transmission.
- b) List any three insect pests of plantation crops.
- c) List any three group of pesticide used on annual crops.

**Question 6.**

- a) Describe any three methods of fertilizer application on plantation crops.
- b) List any four types of fertilizer recommended for annual crops.
- c) Describe the cultural methods of controlling pests and diseases of plantation crops.

