



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2014 EXAMINATION

COURSE CODE: AEM 713

COURSE TITLE: TREE CROPS

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS

QUESTION 1

- a) Identify any 5 plantation crops commonly grown in Nigeria using their (i) common (ii) 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 procedure for site preparation in setting up a plantation

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

- i) Pruning (ii) shading (iii) Mulching (iv) propping (v) weeding in oil palm

Question 4.

- a) List any five simple tools you will use on a plantation field.
- b) List any 2 species that can be used as cover crops in cocoa
- c) Give reasons why shading is required in cocoa plantation.

Question 5.

- a) (i) Mention any disease of cocoa 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 groups of pesticides used on cocoa pest control.

Question 6.

- a) Describe any three methods of fertilizer application on plantation crops.
- b) List any four quality indices of oil palm
- c) Describe the methods of processing cola nut