



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

COURSE CODE: AEM 713

COURSE TITLE: TREE CROPS

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTION

Question 1

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

Question 2

- a) List any five climatic conditions required for consideration while attempting to set up a plantation of tree crops
- b) List any five 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 Cocoa.

Question 3. Write a short note on each of the following;

- a) Need for a nursery in plantation crop production;
- b) Vegetative propagation (specifically grafting in Rubber); and
- c) Pre nursery seed (germination in oil palm).

Question 4.

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

Question 5.

- a) (i) List any 2 diseases of cocoa (ii) name their causal organisms (iii) together with their mode of transmission.
- b) List any five insect pests of plantation crops.
- c) List any five group of pesticide used on annual crops.

Question 6.

- a) Describe any 3 method 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.
- d) List any 3 deficiency symptoms of N deficiencies in any plantation crop