



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION

AEM 613 TREE CROP PRODUCTION
TIME ALLOWED: 2HRS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS IN TWO HOURS.

Q1.

- a) Identify any five tree crops using both their common and botanical names
- b) Briefly describe the site selection procedure for the establishment of a plantation of tree crops.

Q2. write a short descriptive note on each of the listed management practices in tree crop production. (i) Shading, (ii) pruning, (iii) cover crops, (iv) mulching, (v) nursery practices.

Q3. Discuss the importance of climatic elements in the choice of site for the establishment of tree crop plantation.

Q4.

- a) Briefly describe the methods of fertilizer application in tree crop plantation.
- b) List any 2 symptoms of (i) N (ii) K deficiencies in oil Palm tree.
- c) List 4 micro nutrients used in tree crop plantation

Q5. Discuss the development and control of any of the two listed diseases of cocoa. (i) Swollen shoot disease (ii) Phytophthora disease.

Q6

- a) List five specific economic importance of tree crops.
- b) List any 3 tools used in the harvesting of tree crops
- c) Briefly describe the harvesting of oil palm fruit.

