**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**SCHOOL OF AGRICULTURAL SCIENCES.**

**END OF COURSE EXAMINATION.JANUARY 2018**

**TREE CROPS AEM 713(Post graduate Diploma)**

1. **Answer at least one question from each section compulsorily.**
2. **Answer four questions in all.**
3. **Time allocated 2 ½ hours.**

**SECTION A**

Question One

(a) List any five tree crops using bothcommon and science names (10 marks)

(b) State at least fiveeconomic importance of establishing tree crops(5marks)

(c) List any five products that can be obtained from Cocoa.(5marks)

(d) Briefly describe the method of primary processing of *cola nitida or cola acumunata*(5mrks)

Question Two( Crop Establishment) Write briefly on the following.

(a)Five general Climatic conditions.(5marks)

 (b)Five general soil factors (5marks)

(c) General steps to take in choosing a site (5marks)

Question Three

Write short explanatory notes on:

 (a) Artificial propagation (5marks)

(b) Mulching (5marks)

(c) Weeding Shading (5marks)

Question four

(a)Any five simple tools. (5marks)

(b) Describe the required methods of weeding on oil palm(5marks)

(c) Givereasons why processing is essential in oil palm(5marks)

Question Five

1. List any 2 diseases of oil palm (2marks)
2. List their general causal agents (2marks)
3. describe their general mode of transmission (6marks)

(b)List any 3 insect Pests of plantation (of oil palm) crops and any(3marks)

 (c)List 2 groups of pesticides.(2marks)

Question six

1. Describe any five methods of fertiliser application.(5marks)
2. List any four types of fertiliser.(4marks)
3. Give a short descriptive note on cultural methods of Pest control. (6marks)