



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi,
Abuja
Faculty Agricultural Sciences
DEPARTMENT OF CROP AND SOIL SCIENCES
2020_2 EXAMINATION

Course Title: Permanent Crop Production

Course Code: CRP313

ANSWER ANY FOUR QUESTIONS IN 2:30 MINUTES

ANSWER QUESTION 1 (25 MARKS) AND ANY THREE (15 MARKS EACH)

QUESTIONS

Question One

- (a) Describe in details asexual method of propagation, differentiating it over the sexual method of propagation.
- (b) Discuss elaborately the advantage of importance of establishing tree crops
- (c) Outline all the by-products obtained from production of Cocoa.

Question Two (Crop Establishment)

- (a) State Five general Climatic conditions for the establishment of Crop Production
- (b) Identify Five general climatic factors for crop establishment
- (c) Describe the method of weeding in Oil palm plantation.

Question Three

Broadly explain the processes of Artificial propagation and Post-Nursery raising of Oil palm.

Question four

- (a) Identify any five simple tools for crop protection.
- (b) Explain the recommended practice of weed control of oil palm production.

(c) Highlight the importance of oil palm processing.

Question Five

(a)(i) List any 2 diseases of cocoa (ii) List their general causal agents (iii) Describe their general mode of transmission

(b) List any five insect Pests of plantation crops and any (c) five groups of pesticides.

Question six

(a) Describe any three methods of fertiliser application.

(b) List any two types of fertiliser.

(c) Discuss the Cultural methods of Pest control.