



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**FACULTY OF AGRICULTURAL SCIENCE**

**DEPARTMENT OF CROP AND SOIL SCIENCES**

**SEPTEMBER, 2020\_1**

**EXAMINATION: 2020\_1 POP EXAMINATION.**

**COURSE CODE: CRP301**

**COURSE TITLE: ARABLE CROP PRODUCTION (2CU)**

**INSTRUCTION: ANSWER QUESTION 1 AND ANY THREE QUESTIONS**

**TIME ALLOWED: 2:30 MINUTES**

**QUESTION**

**1.**

- a. Describe Cassava under the following heading. (5 marks)
- b. (i) List any five (5) varieties of Cassava (4 marks)  
(ii) Discuss the establishment/husbandry of Cassava (6 marks)
- c. Discuss the environmental requirements of Cassava. (5 marks)
- d. Discuss the Ideal planting material for cassava. (5 marks)

**2.**

- a. (i) Describe Irish Potatoes using the botanical classification (3 marks)  
(ii) List 3 recommended varieties of Irish potatoes.
- b. (i) write a short note on planting of Irish Potatoes. (3 marks)  
(ii) Write a short note on Harvesting of Irish potatoes. (4 marks)  
(iii) Write a short note to explain pests of Irish potatoes. (1 marks)
- d) Briefly state the nutritional Quality of Irish potatoes (4 marks)

**3.**

- a. Describe sweet potatoes using the botanical classification (5 marks)

- b. Discuss crop establishment/husbandry in sweet potatoes (6 marks)
- c. List 3 diseases and 3 pests of sweet potatoes. (4 marks)
- 4.
- a. Describe Tobacco using botanical classification and Local Name, (4 marks)
- b. Discuss the botany of tobacco. (5 marks)
- c. List 5 uses of tobacco (Importance of tobacco). (6 marks)
- 5.
- a. (i) List any 4 Cereal crops (2 marks)
- ii) Classify each of the 3 cereal crops using their science names. (2 marks)
- b) Write a short note on
- (i) Weeding
- (ii) Thinning
- (iii) mulching
- iv) supply (8 marks)
- c. List any 6 fertilizer types used in annual crop. (3 marks)
- 6.
- a. (i) List any 3 tuber crops (1 1/2 marks)
- (ii) Classify each of the 3 tuber crops mentioned above, using their science names. (1 1/2 marks)
- b) State the importance of primary processing and List some primary processing methods
- (6 marks)
- c. List and describe any four (4) methods of fertilizer application. (6 marks)