



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 (6marks)
- c. Discuss the environmental requirements of Cassava. (5 mks)
- 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)