



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)