



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF EDUCATION  
JANUARY 2018, SEMESTER EXAMINATION**

**COURSE CODE:** EDU 780

**COURSE TITLE:** Agricultural Science Methods

**INSTRUCTIONS:** Answer Question 1 and any other two. Question 1 attracts 30 marks and every other question attracts 20 marks

**TIME ALLOWED: 2 HOURS**

Question 1 is Compulsory.

- 1a. Emphasis in the governmental circle these days is on the diversification of earnings particularly with the agricultural sector in view. What is agricultural education and how does it dichotomise with agricultural extension? (10 Marks)
- b. Give a brief historical narrative about the development of agricultural education in Nigeria from the era of traditional farming to the early 20<sup>th</sup> century. (10 Marks)
- c. Identify and write briefly on two types of agricultural education. (10 Marks).

- 2a. Itemise five ways you could observe the role of a teacher of agricultural science. (10 Marks).
- b. Explain any five personal qualities you would expect an agricultural science teacher to exhibit. (10 Marks).

- 3a. Justify the assertion that for an agricultural science teacher to deliver a good lesson, he needs to plan, what are the important factors he must consider, in the course of this? (10 Marks).
- 3b. Write briefly on the major components of a good lesson plan. (10 Marks)

- 4a. As an agricultural science teacher, you are saddled with students whose attitude towards the course is at the lowest ebb, how would you attempt to annul this? (10 Marks).
- 4b. Agriculture is seldom reckoned with in comparison with other vocations in our society, discuss. (10 Marks).

- 5a. Write short notes on the following methods of teaching agricultural science in the classroom:
  - i. Discussion method (5 Marks)
  - ii. Demonstration method (5 Marks)

5b. The surest way of verifying if one is making progress or achieving success in a particular assignment or responsibility, is by carrying out an evaluation on such exercise. Discuss how this can be important to:

- i. The teacher (5 Marks)
- ii. The student (5 Marks)