



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**  
**SCHOOL OF EDUCATION**  
**SEPTEMBER/OCTOBER 2015 EXAMINATION**

COURSE CODE: **EDU 780**

COURSE TITLE: **AGRICULTURAL SCIENCE METHODS**

TIME ALLOWED: 2 HOURS

INSTRUCTIONS: **ANSWER QUESTION 1 AND ANY OTHER TWO.**  
QUESTION 1 ATTRACTS 30 MARKS AND EVERY OTHER  
QUESTION ATTRACTS 20 MARKS

**Question 1 is Compulsory.**

1. (a) State the main objectives of introducing the teaching of agricultural science in Nigerian secondary schools. **(10 MARKS)**  
(b) Describe how you will introduce the concept of field trip to SS 1 Agric students in order to arouse their interest. **(10 MARKS)**  
(c) Prepare a lesson plan for SS 1 class on any topic of choice. **(10 MARKS)**
2. (a) Identify and describe the teaching-learning transaction in agricultural education. **(10 MARKS)**  
(b) Explain why soil conditions should be considered when planning agricultural projects on a given piece of land. **(10 MARKS)**
3. (a) What is the importance of evaluation to the pupils, teachers, school, public and the agricultural programme? **(15 MARKS)**  
(b) State the relationship between educational goals and instructional objectives. **(5 MARKS)**
4. Write short notes on the following:

- (a) Teaching practice. **(5 MARKS)**
- (b) School farm as a model to other farms. **(5 MARKS)**
- (c) Skills for agricultural science teaching. **(5 MARKS)**
- (d) Teaching aids for agricultural science teaching. **(5 MARKS)**