



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**  
**MARCH/APRIL 2016 EXAMINATION**

**SCHOOL OF EDUCATION**

**COURSE CODE: EDU 756**

**COURSE TITLE: PHYSICS METHOD**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2) QUESTIONS.**

1a. List and explain the elements of a good lesson note . (12 marks)

b. Mention five possible hazards and their source in a physics laboratory.  
(10 marks)

c. Two Implications each, of Jean Piaget and David Ausubel's theory of learning for science teaching and curriculum development. (8 marks)

(TOTAL = 30

marks)

2a. What are the five basic features of a physics laboratory that provide for safety right from the construction stages ? (10 marks)

b. Differentiate between a physics scheme of work and a physics lesson plan. (10 marks)

(TOTAL = 20

marks)

3a. Explain the following terms:

- i. Objective(s)
- ii. Instruction
- iii. Methodology
- iv. Evaluation. ( 12 marks)

b. List and explain the five features of a physics laboratory. ( 8 marks)

(TOTAL = 20 marks)

4. Write short notes on the following;

- i. Nature of science
- ii. Product of science
- iii. Scientific theory
- iv. Scientific Concept. ( 20 marks).