



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, LAGOS

SCHOOL OF EDUCATION
MAY/JUNE 2013 EXAMINATION

COURSE CODE: EDU 744
COURSE TITLE: Physics Method
Time allowed : 2hours 15minutes

INSTRUCTION: Answer question 1 and any other two questions

1. Explain the basics tenets of Jean Piaget and David Ausubel's learning theories in terms of their;
 - i) General concepts, and
 - ii) Two implications of each to science teaching and curriculum development.
2. (a) What are the roles of the following in popularizing science teaching in Nigeria;
 - i) The colonial government
 - ii) Science Teachers Association of Nigeria.

(b) Explain the disparity in science education in particular between the North and South.
3. (a) Draw a lesson plan in any physics concepts
(b) Justify the relevance of instructional materials in science teaching.
4. (a) Write short notes on the following;
 - i. Nature of science
 - ii. Product of science
 - iii. Scientific theory
 - iv. Scientific Concept

(b) What is the differences and similarity between a scientific theory and concept?