



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

***SCHOOL OF EDUCATION***  
**MAY/JUNE 2013 EXAMINATION**

COURSE CODE: SED 832 (3 Units)  
COURSE TITLE: CURRICULUM DEVELOPMENT IN SCIENCE  
EDUCATION  
TIME: 2 HOURS: 15minutes  
INSTRUCTION: ANSWER THREE QUESTIONS IN ALL. QUESTION NO 1 IS  
COMPULSORY.

1. a) Discuss the issue of **“Epistemology”** from the view point of science curriculum.  
  
b) There are issues to consider when developing curriculum. List and discuss THREE of such issues in order to achieve the goals of “science for all”.  
  
c) State and explain two effects of culture on the learning of science.
2. National Policy on Education enumerates the structure of Nigeria educational programmes. Vividly explain the structures and the goals of primary, secondary and tertiary education.
3. It is one thing to develop a curriculum; it is another to implement it. List and discuss SIX factors that contribute to ineffective implementation of science curriculum in Nigeria.
4. (a) Distinguish between goal and objective, with examples.  
(b) Discuss SIX problems that militate against successful evaluation of science education programmes in Nigeria.

