



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

SCHOOL OF EDUCATION
MAY/JUNE 2013 EXAMINATION

COURSE CODE: EDU 752
COURSE TITLE: Chemistry Methods.

Instructions: Answer question 1, and any other two questions.

Time Allowed: 2 Hrs.

1. a. Give a universally accepted definition of science and explain why it is universal.
b. How would you make the teaching of Chemistry reflect the culture of the students you intend to teach?
c. Thomas Kuhn and Karl Popper are educational philosophers of great repute. Briefly discuss the views of these philosophers in relation to science education.
2. a. Briefly discuss the relevance of scientific literacy to a nation.
b. Why is the teaching of science, technology and society required in science education?
3. a. Write short notes on the following teaching method
i. Lecture method
ii. Demonstration method
b. . List two advantages of each of the methods listed above.
c. Identify and explain the various components of a lesson plan.
4. a. Discuss the role of improvisation in the attainment of the general goals of science education.
b. i. Explain Jerome Brunner and David Ausubel's theories of learning.
ii. What are the implications of each of the theories of learning above to science education.