



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF EDUCATION
OCTOBER 2013 EXAMINATION

COURSE CODE: EDU 752 (2 Units)
COURSE TITLE: CHEMISTRY METHODS
TIME: 2 HOURS

INSTRUCTION: ANSWER QUESTION **ONE** AND ANY OTHER **TWO** QUESTIONS.

1. (a) Write a proposal to your school Principal on the need to have a chemistry laboratory in your school and the physical facilities that should be provided.

(18 marks)

 (b) Enumerate 6 laboratory rules that should be observed by chemistry students when carrying out practical.
 (12 marks)

2. (a) Explain the principles of
 (i) inquiry (ii) demonstration and (iii) team teaching
 methods of teaching chemistry.
 (14 marks)
 (b) Give two advantages of each of these methods. (6 marks)

3. (a) As a chemistry teacher, list and explain SIX techniques you would employ to properly manage classroom when delivering chemistry instructions (15 marks)
 (b) Enumerate FIVE key structure of a comprehensive lesson plan
 (5 marks)

4. Discuss Jean Piaget theory of intellectual development and give SIX of its implications for science teaching.
 (20 marks)