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**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**

**SCHOOL OF EDUCATION**

**MAY/JUNE 2012 EXAMINATION**

EDU 650 BIOLOGY METHODS

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER ALL THE QUESTIONS

1. (a) State and explain any four modern technique of teaching biology.
   1. Write a lesson plan for SS II class on a topic – Reproduction in Amoeba.
2. (a) Enumerate the major guidelines for selection of biology textbooks.
   1. Make a list of five (5) visual materials in teaching biology and explain each briefly.
3. (a) Explain the circumstances when a teacher will need to improvise teaching aids.

(b) What are the five categories of cognitive behaviour?

1. Write notes on the following:
   1. Laboratory services
   2. Biology laboratory structure
   3. General laboratory safety principles
   4. Objective test.