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**NATIONAL OPEN UNIVERSITY OF NIGERIA**

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

**SCHOOL OF EDUCATION**

**SEPTEMBER/OCTOBER 2015 EXAMINATION**

**COURSE CODE: EDU 750**

**COURSE TITLE: BIOLOGY METHODS**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTIONS: ANSWER THREE QUESTIONS. QUESTION 1 IS COMPULSARY**

1. (a) State and explain any four modern technique of teaching biology.**(12 MARKS**)

(b) Write a lesson plan for SS II class on the topic – Reproduction in Amoeba.

**(6 MARKS)**

(c) Make a list of five (5) visual materials in teaching biology and explain each briefly.**(12 MARKS)**

1. (a) What is cooperative learning?**(4 MARKS)**

(b) Briefly describe any four (4) characteristics of cooperative learning**(8 MARKS)**

(c) Enumerate four (4) advantages and disadvantages of cooperative learning

 (**8 MARKS)**

1. List 10 importance of teaching materials in Biology. **(20 MARKS)**
2. (a) Identify five (5) situations that may call for improvisation by a Biology teacher

(**5 MARKS)**

(b) List (5) safety equipments that should be available in the Biology laboratory.

(**5 MARKS)**

(c) Give five (5) reasons why the lecture method will not be a first choice in teaching Biology**(10 MARKS)**