



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS  
MARCH/APRIL 2016 EXAMINATION**

**SCHOOL OF EDUCATION**

**COURSE CODE-EDU750**

**COURSE TITLE-BIOLOGY METHODS**

**TIME ALLOWED-2HOURS**

**INSTRUCTION-ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2) QUESTIONS OUT OF THE FOUR PROVIDED.**

- 1a) Explain in details what you understand by the demonstration method and explain how it can be used to Biology (10mrks)
- b) Enumerate five (5) advantages and five (5) disadvantages of applying the demonstration method in Biology teaching (10mrks)
- c) Outline five (5) guidelines that will ensure effective use of the demonstration method (10mrks)
  
- 2a) Discuss what you understand by cooperative learning in the biology classroom (10mrks)
- b) Briefly explain five (5) characteristics of cooperative learning method (10mrks).
  
- 3 .Outline ten (10) values/importance of using teaching materials/Aids in biology. (20mrks)
  
- 4a) what is improvisation in biology teaching (10mrks)
- b) Briefly explain five (5) rationale for improvisation in biology (10marks).