



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF MANAGEMENT SCIENCES
JANUARY/FEBRUARY 2013 EXAMINATION

COURSE TITLE: BIOLOGY METHODS
COURSE CODE: EDU 750 [2 CREDIT UNITS]

TIME ALLOWED: 2 HOURS Attempt Four questions

- 1 (a) Explain how you would use discussion method in teaching a topic in biology
(b) Mention five advantages of using the project method to teach biology
(c) As a biology teacher, list and describe three criteria for choosing any method of teaching
- 2 (a) What do you understand by laboratory management technique?
(b) Discuss five safety rules for keeping laboratory safe for all its users
(c) List and discuss five safety gadgets needed in a biology Laboratory
- 3 (a) Outline eight major steps you would follow in preparing a lesson plan in biology
(b) What are the rationales for planning a lesson in biology
- 4 (a) What do you understand by the term improvisation?
(b) Using specific examples, outline five materials or equipment that can be improvised for biology teaching.
(c) Discuss five advantages of games and simulations in the teaching /learning process of biology
- 5 (a) What is evaluation?
(b) Describe three criteria you would use to ensure that your questions for biology content assessment are at the

comprehensive level.