



NATIONAL OPEN UNIVERSITY OF NIGERIA

PLOT 91, CADASTRAL ZONE, NNAMDI

AZIKIWE EXPRESSWAY, JABI, ABUJA

FACULTY OF EDUCATION

2024_2 EXAMINATION

COURSE TITLE:
COURSE CODE:
NUMBER OF UNITS
TIME

BIOLOGY METHODS
EDU 750
2
2 HOURS

INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER TWO QUESTIONS

SET 3 QUESTIONS

- 1a. Briefly describe Games and simulation as a teaching strategy in biology (8 marks)
- b. State three disadvantages and disadvantages each, of the use of games and simulation in teaching biology (6 marks)
- c. State the rationale for Biology teachers' Preparation and Planning of lessons (6 marks)
- d. Explain how you can evaluate cognitive skills in Biology teaching/learning (10 marks)

- 2 a Highlight the steps involved in lesson planning (6 marks)
- b. Explain each of the following terms:
 - i) Curriculum (12 marks)
 - (ii) Syllabus

- 3 a. Discuss the disadvantages/limitation of a biology textbooks (10 marks)
- b. Define the term Improvisation in Biology teaching/learning (5 marks)
- c. State five reasons why a teacher needs to Improvise instructional materials/equipment (5 marks)

- 4 a. State the three principles guiding the testing/evaluation for application in Biology (3 marks)
- b) Using the principles from (a) above construct two question to test application using any concept in biology (12 marks)