



NATIONAL OPEN UNIVERSITY OF NIGERIA
91 Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja
FACULTY OF EDUCATION
2024 1 EXAMINATION

COURSE CODE: EDU750

CODE TITLE: BIOLOGY METHODS

CREDIT UNIT: 2

TIME ALLOWED: 2 Hours

INSTRUCTION: Answer question 1 and any other two questions

1a Highlight any 8 useful biology laboratory management techniques that may help the biology teacher **(8 marks)**

1b. Highlight any six important items in preparing an accident and first aid record book in the Biology laboratory **(3 marks)**

1c. Enumerate and explain the six classifications of Bloom (1956) skills for meaningful evaluation in Biology. **(15 marks)**

1d. Enumerate the 4 types of objective questions. **(4 marks)**

2. a Vividly explain the affective domain based on its importance in educational assessment. **(14 marks)**

2 b. State the 3 types of Affective Measures. **(6 marks)**

3 (a) Write short notes on the following:**(10 marks)**

a. manipulative skills

b. skill in observation and accurate recording of observations

c. ability to interpret results of planned experiments

d. ability to plan and carry out experiments

3 (b) Explain the phases two and three –Laboratory Sessions in Biology teaching. **(10 marks)**

4. (a) i. Describe lecture method in Biology Teaching, **(2 marks)**

ii. state any 3 disadvantages of the lecture method. **(6 marks)**

iii. suggestion any 3 ways for the effective use of Lecture Method. **(6 marks)**

4b. List any 4 advantages of project method over lecture method. **(6 marks)**