



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
Plot 91 Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja.  
**FACULTY OF EDUCATION**  
**2024 1 EXAMINATION**

**COURSE CODE:** EDU754

**COURSE TITLE:** INTEGRATED SCIENCE METHOD

**CREDIT UNIT:** 2

**TIME ALLOWED:** 2HOURS

**INSTRUCTION:** ANSWER QUESTION ONE AND ANY OTHER TWO

- 1a. Define the following:
- Syllabus (3 marks)
  - Scheme of work (3 marks)
  - Mention the elements to be considered when drawing a scheme of work (3 marks)
- 1b. Give the arrangement of a comprehensive lesson note (7 marks) ii. What are you likely to notice in a poorly written lesson note? (5 marks)
- c. As a science teacher, suggest useful ways to carry out mark distribution for an essay-type question on integrated science concept to test the six cognitive levels. (4.5 marks)
- d. Outline expected activities of teachers and students at the presentation stage of a lesson plan. (4.5 marks)
- 2a. Explain why we improvise in science teaching (3 marks)
- ii. List a few examples of science apparatus that you can improvise through substitution process. (5 marks)
- 1b. Describe the construction of insect net and aquarium to teach science (6 marks) ii. List the advantages of improvisation (3 marks)
- c. What is the usefulness of oral form of assessment in Integrated Science class? (3 marks)
- 3a. What do you understand by the term evaluation? (3 marks) ii. Why is it important to evaluate? (8 marks) ii. State the two forms of evaluation and distinguish between the two. (4 marks) c. As a science teacher, when will you say an essay test is required? (5 marks)
- 4a. What are the advantages of Essay type tests? (4 marks)