



NATIONAL OPEN UNIVERSITY OF NIGERIA  
91 Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja Department of  
Science Education  
FACULTY OF EDUCATION  
**2025\_1 EXAMINATION**

**COURSE CODE: SED422**

**CODE TITLE: INTEGRATED SCIENCE CURRICULUM AND IMPLEMENTATION**

**CREDIT UNIT: 2**

**TIME ALLOWED: 2 Hours**

**INSTRUCTION: Answer question ONE and any other TWO questions.**

**Questions**

- 1a. Define curriculum and explain the main characteristics of the curriculum. **(10 marks)**  
b. Give five (5) misconceptions about the curriculum. **(10 marks)**  
c. Explain the concept of Integrated Science. **(10 marks)**
  
2. a. Enumerate 5 aims and 5 functions of the Science Teachers Association of Nigeria. **(10 marks)**  
b. Write briefly on the following terms:-
  - i. Curriculum implementation. **( 5 marks)**
  - ii. Curriculum evaluation. **( 5 marks)**
  
3. a. Highlight and explain any three (3) principles that should be considered when designing an integrated science curriculum. **( 10marks)**  
b. List and discuss any (4) important questions that should be raised when presenting the prerequisites for designing an integrated science curriculum. **(10 marks)**
  
4. State any 5 functions and activities of any four (4) of the following curriculum development agencies:-
  - i. National Teachers Institute. **(5 marks)**
  - ii. National Educational Technology Centre. **(5 marks)**
  - iii. National Board for Technical Education. **(5 marks)**
  - iv. National Universities Commission. **(5 marks)**
  - v. National Commission for Colleges of Education. **(5 marks)**