



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 pre-requisites 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)**