



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

**2024\_2 EXAMINATION**

Department: Science Education

Course Title: Integrated Science Curriculum Design and Implementation

Course Code: SED 422

Credit Unit: 2 Units

Time allowed: 2 Hours

Instruction: Answer Question 1 and any other two questions

1. (a) i. What is curriculum evaluation? (2 marks)  
ii. State the objective and reasons for 2012 Revision of Basic Science and Technology curriculum. (8 marks)
- (b) i. Identify the problems of the Nigerian Secondary Science Project (NSSSP). (8 marks)
- (b) ii) Discuss any 3 (three) factors to consider in designing Integrated Science curriculum. (6 marks)
- (b) iii) Discuss the contributions of any 2 schools of thought on curriculum development. (6 marks)
  
2. Compare five Problems confronting the implementation of Integrated Science curriculum in Nigeria and Ghana. (20 marks)
  
3. Discuss the features of the 9-year basic science and technology curriculum development in Nigeria (20 marks)
  
4. (a) Give 4 (four) examples of subject associations. (2 marks)  
ii. What are the specific functions of any two of these subject associations? (8 marks)
- (b) i. What is curriculum development? (2 marks)  
ii. List any 8 (eight) constraints to curriculum design in Nigeria. (8 marks)