



NATIONAL OPEN UNIVERSITY OF NIGERIAN
91 Cadastral zone, NnamdiAzikiwe Expressway, Jabi, Abuja
FACULTY OF EDUCATION
DEPARTMENT OF SCIENCE EDUCATION..

EXAMINATION: 2021_2
COURSE CODE: SED422
COURSE TITLE: INTEGRATED SCIENCE CURRICULUM
DEVELOPMENT AND DESIGN
CREDIT UNIT: 2
TIME ALLOWED: 2HOURS
INSTRUCTION: ANSWER QUESTION ONE AND ANY OTHER TWO

QUESTION ONE:

- 1a) It is no news any longer that application of motivations can enhance students' performance in school. In the light of this, **List and explain** six ways of enhancing students' performance in Integrated Science. **(24 marks)**
- 1b) As a Science Educator in training, give six (6) reasons why it necessary to develop professional knowledge and skills of teachers. **(6 MARKS)**

QUESTION TWO

2. The National Science Teachers Association makes an official statement in the year 2003 on how teachers could be prepared for effective implementation of the curriculum. Discuss ten (10) of those statements. **(20 marks)**

QUESTION THREE:

- 3a.** Explain the educational experience in Nigeria between the year 1842 and 1960. **(10 marks)**
- 3b.** Enumerate the favorable conditions that enhanced curriculum development initiatives after independence in 1960. **(10 marks)**

QUESTION FOUR

- 4a.** The Nigerian Secondary Science Project (NSSSP) of 1969 was good for its learner centeredness. However, studies have shown that this project is not without some challenges. List five of the challenges. **(10 Marks)**
- 4b.** Enumerate five (5) areas specified in curriculum content arrangement of the **Nigerian Secondary Science Project (NSSSP)** of 1969. **(10 Marks)**