



NATIONAL OPEN UNIVERSITY OF NIGERIAN

91 Cadastral zone, NnamdiAzikiwe Expressway, Jabi, Abuja

FACULTY OF EDUCATION

DEPARTMENT OF SCIENCE EDUCATION

EXAMINATION: 2021_1

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:

1 a) Defining an Integrated Science teacher goes beyond imparting knowledge. Discuss any five (5) points. **(15 marks)**

b) As a Scholar of Integrated Science Education, **highlight** and **explain** ten (10) roles that will qualify you for an effective teacher. **(15marks)**

QUESTION TWO

2a) With your exposure to teaching methods, what are the **five (5)** indices you will use to conclude that a teacher of Integrated Science is **ineffective**. (10 MARKS)

b). As a prospective Integrated Science teacher, **state** any **ten (10)** attributes you must possess to enhance the achievement of educational goal. (10 MARKS)

QUESTION THREE:

3a.To succeed in the teaching of a concept in Integrated Science, what are the **ten (10)** steps you need to take. (15 MARKS)

3b. Justify why Integrated Science or Basic Science should be part of the secondary school curriculum. (5marks)

QUESTION FOUR:

4. Write short notes on the following components of teaching: (20 marks)

- i. Planning.
- ii. Presentation.
- iii. Problem identification
- iv. Team teaching
- v. Parenting