



NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91 Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja.

FACULTY OF EDUCATION

2020_1 Semester

COURSE CODE: SED422 (2 UNITS)

COURSE TITLE: INTEGRATED SCIENCE CURRICULUM DEVELOPMENT AND DESIGN

CREDIT UNIT: 2

INSTRUCTION: Answer Question One and any other two

QUESTION ONE:

- 1a. Define the term Curriculum (**5marks**)
- b. State any 5 common misconceptions that people have about the concept of curriculum **.(10marks)**
- c. As a Scholar of Integrated Science Education, **discuss** with an **illustration** in each case, what is wrong with the definitions/statements given in 1b above.**(15marks)**

QUESTION TWO

- 2a. **Explain** the term, Integrated Science (**5marks**)
- 2b. A number of unpalatable experiences confronted the introduction of Integrated Science in the Nigerian educational system. React to this statement, citing five (5) initial challenges faced by the introduction of integrated science.**(15marks)**

QUESTION THREE:

- 3a Justify any three sources of aims and objectives for integrated Science Curriculum **(7.5marks)**
- 3b. One of the Aims of Primary school education in Nigeria is : **Giving the child the opportunities for developing manipulative skills that will enable him to function effectively in the society within the limits of his capacity.** As a prospective Integrated Science teacher, **state** and **discuss** any five avenues / strategies that the curriculum prescribes that would enhance the achievement of this goal.**(12.5marks)**

QUESTION FOUR:

- 4a **Outline** 5 Aims /Goals of Science Teachers Association of Nigeria (STAN) (**10marks**)

4b. The Science Teachers Association of Nigeria (STAN), has made some invaluable contributions towards Integrated Science Curriculum improvement and teaching. Justify this statement citing five (5) specific contributions. **(10marks)**