



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**91, Cadastral Zone, University Village. Nnamdi Azikwe Express way, Jabi Abuja**

**Faculty of Education, Department of Science Education**

**EXAMINATION:** 2021\_1  
**COURSE CODE:** SED315  
**COURSE TITLE:** NIGERIAN PRIMARY/SECONDARY  
SCIENCE/MATHEMATICS CURRICULA  
**UNIT:** 2  
**TIME ALLOWED:** 2 HOURS  
**INSTRUCTION:** ATTEMPT QUESTION ONE AND ANY OTHER TWO

1. a) Give one definition of *Curriculum* in a comprehensive way and make a succinct explanation of the key elements of your definition. **(14marks)**  
b. Curriculum is more than putting together the concepts to be learnt in a subject. Rather, the organization of these is important. Explain the importance of this organization. **(10marks)**  
c. What are the guiding principles in a curriculum organization? **(6marks). TOTAL=(30marks)**
2. You have been invited to a symposium of National Science Teachers' Forum to make a contribution on the objectives of Junior Secondary School Science in Nigeria. List and briefly explain five (5) objectives of teaching Junior School Science that you have purposed to present. **(20marks)**
3. The selection of *topics* and the selection of *contents* are interrelated vital activities in primary Mathematics curriculum. Explain how you will carry out these in any given curriculum of primary school Mathematics in Nigeria. **(20marks)**
- 4a. Methods and Treatments are important in primary Mathematics curriculum. Make conceptual clarification of these terms. **(5marks)**
- 4b. What are the importance of the two concepts above in determining the success of learning primary Mathematics? **(15marks)**