



**EXAMINATION:** 2017\_2  
**COURSE CODE:** SED315  
**COURSE TITLE:** NIGERIAN PRIMARY/SECONDARY SCHOOL  
SCIENCE/MATHEMATICS CURRICULA  
**TIME ALLOWED:** 2 HOURS  
**INSTRUCTION:** ATTEMPT QUESTION ONE AND ANY OTHER TWO

1. a) Explain vividly the concept of curriculum organization (6marks)  
b) Identify and explain 4 major sources of curriculum programme (12marks)  
c) What are the 3 methods of organizing the mathematics and science curriculum? (12marks)
2. a) What are educational objectives? (5marks)  
b) List and discuss briefly the qualities of good educational objectives (15marks)
3. Describe the structure of these curricula:  
a) Junior secondary school mathematics curriculum (10marks)  
b) Senior secondary school mathematics curriculum (10marks)
4. a) Explain in details the term curriculum implementation? (7marks)  
b) Discuss how the primary school science/mathematics curricula are implemented? (6marks)  
c) Explain how the head teacher can influence the implementation of primary science/mathematics curriculum. (7marks)
5. a) Explain these terms as pertaining to curriculum: i) Method; ii) Treatment (6marks)  
b) What should the science/mathematics teacher consider in selecting a method of treatment? (8marks)  
c) What would you need as a teacher to select topics for lessons in secondary science/mathematics curricular? (6marks)