



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
Plot 91 Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja.  
**FACULTY OF EDUCATION**  
**2020\_1 Semester**

**COURSE CODE: EDU808**  
**COURSE TITLE: Mathematics Curriculum in Secondary Schools**  
**TIME ALLOWED: 2 HOURS**  
**CREDIT UNITS: 2**  
**INSTRUCTION: ATTEMPT QUESTION 1 AND ANY OTHER TWO**

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***QUESTION 1: COMPUSORY***

1. It is no news any longer that Mathematics is relevant to every discipline and profession. Explain this in the light of 5 disciplines and 5 professions. (30marks)
  
2. a. Give only one but exhaustive definition of Curriculum within the context of Nigerian education. (4marks)  
2 b. Discuss 4 factors that can form the sources of Curriculum in Mathematics. (16marks)
  
3. Explain Ausubel theory of expository verbal learning and the basis for his arguement (20marks)
  
4. Discuss the following concepts and their importance to classroom Mathematics instruction.
  - i. Scheme of work (10mks).
  - ii. Entry behaviour (5mks).
  - iii. Lesson Content (5mks).