COURSE CODE: EDU815
COURSE TITLE: INSTRUCTIONAL TECHNIQUES AND METHODS IN SCHOOLS MATHEMATICS
TIME ALLOWED: 2 HOURS   2 CREDIT UNITS
INSTRUCTIONS: ATTEMPT QUESTION 1 AND ANY OTHER 2

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1. How will you teach a Basic III pupils that:
   a) Any number multiplied by zero is equal to zero? (15marks)
   b) Any positive number multiplied by a negative number will give a negative product? (15marks)
 **(lesson plan is not needed)*

2a) Explain the concept of laboratory teaching method in mathematics. **(2marks)**
2b) Discuss briefly four procedures for a laboratory lesson in Mathematics. **(8marks)**
2c) In five points, discuss fully the justification for the use of laboratory method in teaching Mathematics **(10marks)**

3a 'Briefly explain this in f*ive* ways how Lack of trained teachers or their inadequacy affects the teaching and learning of Mathematics'.. **(5marks)**
3b Discuss five ways by which you can motivate your learners to make them improve in their achievement **(15marks)**

4. Explain in succinct terms how Mathematics learning can:

a. prepare the learners for useful future;   **(12marks)**

b. prepare the learner for higher education   **(8marks)**