



NATIONAL OPEN UNIVERSITY OF NIGERIA
91, Cadastral Zone, University Village Nnamdi Azikiwe Express way, Abuja
Faculty of Education,
Department of Science Education
2025_2 EXAMINATIONS

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

- 1a) With relevant example, state five conditions that can warrant remedial teaching of Mathematics among the lower Basic Primary School learners? **(10marks)**
- 1b How will you remediate the following learning difficulties in a child that is having:
- i) inadequate mastery of basic facts?
 - ii) difficulties with carrying under addition?
 - iii) difficulties with subtraction? **(20marks).**
2. Discuss the essence of the following as features of laboratory approach of teaching Mathematics:
- a) classroom organization **(6marks)**
 - b) learning materials **(10marks)**
 - c) books **(4marks)**
- 3a. Explain clearly the concept of evaluation in the context of a Mathematics lesson. **(5marks)**
- 3b In five points, account for the justification for evaluation in Mathematics education? **(15marks)**
4. a) Identify and explain the purposes of *TEST* in Mathematics. **(10marks)**
b) What standard will you use to justify that your test is good? **(10marks)**