MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF MASTER OF EDUCATION IN PEDAGOGY

CITY CAMPUS -SCHOOL BASED

PED 826: MATHEMATICS CURRICULUM

Date: 14th December, 2015   Time: 9.00 - 12.00 noon

INSTRUCTIONS:

• Answer ANY FOUR questions.

Q. 1 Discuss the scope and limitations of secondary Mathematics curriculum in Kenya

(15 marks)

Q. 2. What is the role of Mathematics in the industrialization in Kenya? (15 marks)

Q. 3. Explain factors that have influenced the changes in the Mathematics curriculum in Kenya since independence   (15 marks)

Q. 4. Discuss the principles and procedures of curriculum development in Mathematics.   (15 marks)

Q. 5. Explain the following terms as used in Mathematics curriculum.

(a). Ideal Curriculum

(b). Core Curriculum

(c). Actual Curriculum

(d). Learner- centred Curriculum

(e). Activity – centred Curriculum

(15 marks)

Q. 6. Discuss contributions of Bruner, J (1956) and Bloom, B(1956) to the design and organization of Mathematics Curriculum.   (15 marks)