

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF POSTGRADUATE DIPLOMA IN EDUCATION

PGDE 751: METHODS OF TEACHING MATHEMATICS

STREAMS: PGDE

TIME: 2 HOURS

DAY/DATE: THURSDAY 12/04/2018

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer any four questions.**
- **Do not write on question paper.**

1. Elaborate on the reasons of teaching mathematics to learners in secondary school. (15 marks)
 2. (a) Explain the importance of instructional objectives in mathematics education. (10 marks)
(b) Identify five (5) objectives of teaching mathematics in secondary schools. (5 marks)
 3. Outline the role of learning resources in mathematics instruction. (15 marks)
 4. Discuss the importance of the following professional documents to the teacher.
(a) Scheme of work. (7 marks)
(b) Lesson plan. (8 marks)
 5. Highlight on the criteria for evaluating mathematics textbooks for instructional purposes. (15 marks)
-