

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DIPLOMA IN POST GRADUATE
EDUCATION**

PGDE 751: MATHEMATICS SUBJECT METHODS

STREAMS: PGDE (PART TIME)

TIME: 3 HOURS

DAY/DATE: MONDAY 29/03/2021

11.30 A.M. – 2.30 P.M.

INSTRUCTIONS:

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

1. (a) Discuss the significance of a lesson plan as a professional document to a mathematics teacher. (9 marks)
 - (b) Explain the factors to consider when preparing scheme of work. (6 marks)
 2. Elaborate on the role of the instructional resources in mathematical instruction. (15 marks)
 3. Discuss the contribution of Jean Piaget to teaching and learning of mathematics. (15 marks)
 4. (a) Highlight on the significance of instructional objectives in mathematics instruction. (8 marks)
 - (b) Discuss the advantages of microteaching to a teacher trainee. (7 marks)
 5. Elaborate on the significance of mathematics to the society. (15 marks)
-