



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY
SCHOOL OF EDUCATION**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF
EDUCATION IN CURRICULUM STUDIES/ECONOMIC
PLANNING/ADMINISTRATION/SPECIAL NEEDS/EARLY CHILDHOOD
EDUCATION AND DEVELOPMENT/PEDAGOGY
1ST YEAR 1ST SEMESTER, 2019/2020 ACADEMIC YEAR
Main Campus**

COURSE CODE: ECT 803

COURSE TITLE: Instructional Theory and Design

INSTRUCTIONS:

1. This paper contains **FIVE** questions.
2. Answer **ANY THREE** questions.
3. Write all answers in the booklet provided.

Question 1

- a) Examine the ADDIE instructional design model and how it can guide one to create an educational teaching/training programme (10 marks)
- b) Explain nine steps of instruction by Robert Gagne and their importance in classroom teaching and learning (10 marks)

Question 2

- a) Discuss the theory of constructivism and the teaching and learning strategies that can be implemented in a constructivist classroom (15 marks)
- b) Examine the benefits of implementing constructivism in the classroom to students (5 marks)

Question 3

- a) Explain Howard Gardner's Theory of Multiple intelligences (10mks)
- b) What is the influence of theory to curriculum development? (10mks)

Question 4

Discuss how R. Kellers ARCS instructional design model can improve teaching and learning in our schools (20 marks)

Question 5

The main concept of instructional theory is how to better help people to learn and develop. Discuss this statement in relation to the inquiry based learning as a teaching strategy (20 marks)