



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya.
Tel: +254(0) 799 529 958, +254(0) 799 529 959, +254 (0)712 524 293
Website: www.must.ac.ke Email: info@mucst.ac.ke

UNIVERSITY EXAMINATIONS 2023/2024

FIRST YEAR SECOND SEMESTER EXAMINATION FOR DEGREE OF DOCTOR OF PHILOSOPHY

EMC 8051: CURRICULUM AND INSTRUCTION IN AN INDIVIDUAL TEACHING SPECIALITY

DATE: APRIL 2024

TIME: 3 HOURS

INSTRUCTIONS: Answer any THREE questions.

QUESTION ONE (20 MARKS)

- a. Discuss the nature of curriculum and the role of the teacher in a curriculum based on each of the following philosophies (20 marks)
- Pragmatism
 - Existentialism
 - Idealism
 - Realism

QUESTION TWO(20MARKS)

- a. An effective form of education must meet a defined criterion. With appropriate illustrations from your practice of education, expose the key components of any appropriate form of education in the world. (10 marks)
- b. Different theories of curriculum imply a different mode of application depending on curriculum specialty. Demonstrate the application of *constructivist theory* in the teaching of the following areas of curriculum in Kenya secondary schools. (10 marks)
- Sciences
 - Languages



QUESTION THREE(20MARKS)

- a. Learners are the main focal point in any curriculum. Every curriculum theory thus is characterized by a prescription on how learners should be engaged in the process of teaching and learning. With examples, explain the criteria defined by the following theories on how learners should participate in learning. (10 marks)
- i. Behaviourism
 - ii. Humanism
 - iii. Connectivism
- b. Foreign historical events have had significant impact in African school curriculum. Citing various examples from African education curricula, explain how the following past events influenced curriculum. (10 marks)
- i. The Roman Empire Period
 - ii. Martin Luther and Ignatius of Loyola Reformation
 - iii. Age of Reason

QUESTION FOUR(20MARKS)

- a. Competency Based Curriculum (CBC) in Kenya is underpinned by a number of theories which advocate for progressive education. Defend the contribution of the following theories to CBC — Kenyan model (10 marks)
- i. Gardner's multiple Intelligence Theory
 - ii. Bruner's Cognitive Development Theory
- b. It is apparent that barriers militate against any curriculum innovation in many countries all over the world. Identify these barriers and with various examples, demonstrate the impact they have had on Competency-Based Curriculum in Kenya. (10 marks)

QUESTION FIVE(20MARKS)

- a. The classroom teacher is a critical player in any curriculum project. Discuss the role teachers play to ensure Success of curricula projects. (10 marks)
- b. Methods of learning evaluation have been controversial over ages in many education systems around the world. Demonstrate how Kenya has attempted to address this problem with the Implementation of Competency Based Curriculum (10 marks)

