



(University of Choice)  
**MASINDE MULIRO UNIVERSITY OF SCIENCE  
AND TECHNOLOGY  
(MMUST)**

**UNIVERSITY EXAMINATIONS  
2021/2022 ACADEMIC YEAR**

**FIRST YEAR 1ST SEMESTER EXAMINATIONS**

**FOR THE DEGREE  
OF  
DOCTOR OF PHILOSOPHY IN MEDICAL EDUCATION**

**COURSE CODE: DME 911**

**COURSE TITLE: PRINCIPLES OF TEACHING AND  
LEARNING**

**DATE: Wednesday 20th April 2022**      **TIME: 8:00-10:00 Am**

**INSTRUCTIONS TO CANDIDATES**

1. Answer any four questions
2. Start each question on a fresh page of the answer booklet

**TIME: 3 Hours**

**MMUST observes ZERO tolerance to examination cheating**

*This Paper Consists of 2 Printed Pages. Please Turn Over.*

**Question 1**

Analyze the KEY concepts and principles in teaching and learning and show their implications for health professions education (25 marks)

**Question 2**

Discuss five (5) innovative teaching and learning methods used in health professions education and identify the learning outcomes to be achieved (25 marks)

**Question 3**

Critically appraise the effectiveness of teaching and learning strategies in Health professions education (25 marks)

**Question 4**

Compare innovative and traditional instructional methods used in medical education (25 Marks)

**Question 5**

A competency based curriculum may prepare health professionals to be competent during practice. Analyze the key areas in teaching and learning applied during its implementation. (25 Marks)