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**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(MMUST)**

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2023/2024 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS**

**FOR  
MASTER OF SCIENCE DEGREE IN HEALTH PROFESSIONS  
EDUCATION**

**COURSE CODE: HPE 821**

**COURSE TITLE: TEACHING – LEARNING AND EDUCATIONAL  
DEVELOPMENT**

**DATE: Thursday 7<sup>th</sup> December 2023**

**TIME: 2:00-5:00PM**

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**INSTRUCTIONS TO CANDIDATES**

There are five (5) questions in total

1. Question one is compulsory
2. Answer four questions only
3. 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. ►

**Compulsory Question**

1. Information technology has led to innovative strategies in teaching and learning. Critical analyze the role of Information Communication Technology in health professions training (25 marks)

**Answer any three (3) Questions below**

2. Instructional design theories applied during teaching and learning determine the learning process of the learners. Analyze one instructional theory applied in facilitating acquisition of problem solving skills (25 Marks)
3. Compare and contrast SPICES model with traditional strategies of teaching and learning (25 marks)
4. The innovative educational approaches in medical field has led to current developments in clinical practice. With examples, critically appraise any four (4) teaching and learning strategies that prepare learners to be reflective and competent during practice (25 marks)
5. Identify a learning outcome and explain how you will apply the Schema Notion theory to facilitate the acquisition of the learning (25 marks)
6. Critically analyze any four educational developments in health professions education and explain the implications in medical practice (25 marks)