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

**UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER EXAMINATIONS
FOR THE DEGREE
OF
DOCTOR OF PHYLLOSOPHY IN MEDICAL LABORATORY
SCIENCE**

COURSE CODE: BMB 922

**COURSE TITLE: FUNDAMENTALS OF HIGHER EDUCATION
TEACHING AND MENTORING**

DATE: 17.04.2023

TIME: 8.00 – 11.00

INSTRUCTIONS TO CANDIDATES

Answer question **ONE** and any other 2 questions.

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

Question 1

- a) What is curriculum development? **(2 Marks)**
- b) Explain the stages of Curriculum development **(8 Marks)**
- c) What is a competency-based approach in curriculum development? **(5 Marks)**
- d) Explain the challenges faced by the implementation of a competency based curriculum in medical laboratory sciences **[10 marks]**

QUESTION TWO

- a) What are the foundations of the curriculum? **(4 Marks)**
- b) Identify the four foundations of curriculum **[4 marks]**
- c) With examples from Medical Laboratory Science programmes explain how the philosophical foundations of curriculum have influenced the theories of subject matter **[12 marks]**

QUESTION THREE

Compare and contrast Ralph Tyler and Skilbeck's Curriculum models and show how they are applicable or not applicable in Kenya **(20 Marks)**

QUESTION FOUR

Discuss the impact of Information Communication Technology (ICT) in the Medical Laboratory science **(20mks)**

QUESTION FIVE

Trace the changes that have taken place in the curriculum and the steps that have been taken by the Kenya Government in reforming and restructuring the school curriculum from 1967 to date **[20 marks]**