



(University of Choice)

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

**UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

**MAIN EXAMINATION
FIRST YEAR FIRST SEMESTER EXAMINATION
OF
MASTER OF EDUCATION**

COURSE CODE: EDF 806

COURSE TITLE: SCIENCE TECHNOLOGY AND EDUCATION

DATE: Friday 8th December 2023

TIME: 2:00 – 5:00PM

INSTRUCTIONS TO STUDENTS

Answer **THREE** (3) questions.

TIME: 3 HOURS

Instructions

Answer ANY THREE questions

1. Select any **one** philosopher of science and technology and discuss his/her contribution in shaping the development of science and technology education. (20 marks)
2. To what extent does culture influence the uptake of science, technology and innovation? (20 marks)
3. Discuss the importance of digital laboratories in the promotion of Science Technology, Engineering and Mathematics (STEM) Education. (20 marks)
4. Identify and discuss the major technological innovations associated with the 3rd Industrial Revolution while showing their impact on Education. (20 marks)
5. Discuss the possible impact of digital delivery of teaching and learning in education in Kenya. (20 marks).