



MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

2022/2023 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATIONS

**FOR THE DEGREE OF MASTER OF SCIENCE IN DISASTER MANAGEMENT AND
HUMANITARIAN ASSISTANCE**

COURSE CODE: DEM 812

COURSE TITLE: HIV AND AIDS AND OTHER HUMAN DISEASE PANDEMICS

DATE: 19/4/2023 TIME: 2-5 PM

INSTRUCTIONS TO CANDIDATES:

ATTEMPT QUESTION ONE AND ANY OTHER 2 QUESTIONS

1. (a) Discuss the risk factors associated with disasters which lead to increased vulnerability to communicable diseases (10mrks)
- (b) Describe the strategies of communicable disease control (10 mrks)
- (c) Discuss the risk factors that may increase HIV transmission in emergency situations. (10 mrks)
2. (a) Using specific examples, explain what is meant by emerging and reemerging infectious diseases (10 mrks)
- (b) Discuss the reasons for emerging and re-emerging phenomenon of communicable diseases. (10 mrks)
3. (a) Outline contingency plans necessary for epidemic preparedness in a refugee site (10 mrks)
- (b) Discuss pre-disaster health measures necessary to mitigate and prevent disease outbreaks. (10 mrks)
4. Outline HIV/AIDS prevention strategies that can help reduce transmission in emerging situations. (20 mrks)
5. (a) Describe the major signs, transmission and control of severe acute respiratory syndrome. (15 mrks)
- (b) Explain the importance of epidemiologic triangle model in communicable disease control (5mrks)