



MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY  
(MMUST)  
(MAIN CAMPUS)  
UNIVERSITY EXAMINATIONS  
2022/2023 ACADEMIC YEAR  
FIRST YEAR SECOND SEMESTER EXAMINATIONS  
FOR THE DEGREE OF MASTER OF PUBLIC HEALTH

COURSE CODE: PHE 821

COURSE TITLE: POPULATION HEALTH AND DEVELOPMENT

DATE: 26<sup>TH</sup> APRIL 2023

TIME: 2.00PM -5.00PM

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**General Instructions**

- 1) Write your University Registration Number on every booklet that you use.
- 2) Do not write your name on any papers you use.
- 3) Answer all four questions.
- 4) Each question contains a total of 25 marks.
- 5) The time allowed for this Paper is **Three (3)** hours.

1. You have been invited to give a lecture to Master of Public Health students on attributes and uses of population health indicators. Describe in details the content of your lecture (25 marks)
  
2. Distinguish between expansive, constrictive and stationary population pyramids and illustrate for each the contributing population statistics (25 marks)
  
3. Women and men share similar health challenges yet generally women report poorer health. Discuss in sufficient detail this outcome assertion (25 marks)
  
4. You have been appointed the Public Health advisor for the local County and wants to address the health of the elderly population as a priority. Prepare a preliminary brief for the Governor illustrating a) relevant aspects of population segmentation, b) drivers of illness in this population category, c) planned preventive strategies, d) screening for diseases and e) what actions the elderly should undertake to improve their well being. (25 marks)