



(University of Choice)

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

**UNIVERSITY EXAMINATIONS
MAIN EXAM**

ACADEMIC YEAR: 2021/2022

**FIRST YEAR FIRST SEMESTER EXAMINATION
FOR MASTERS OF PUBLIC HEALTH**

COURSE CODE: PHE 821

COURSE TITLE: POPULATION HEALTH AND DEVELOPMENT

DATE: 29TH APRIL, 2022

TIME: 9.00AM – 12.00PM

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 ANY FOUR questions.
4. Each question contains a total of 25 marks.
5. The time allowed for this Paper is **Three (3)** hours.
6. Observe carefully further instructions on the cover of Answer Booklets

- 1) a) Discuss the possible causes of infertility in women in developing countries **(10 marks)**
b) What are some of the possible causes of infertility in men globally **(10 marks)**
c) List any two possible approaches to prevention of infertility among women **(5 marks)**

- 2) a) Give five reasons why it is important to measure women's health indicators **(5 marks)**
b) In the course of giving birth, if a woman damages her pelvis. Suggest five consequences of this occurrence **(5marks)**
c) Once you develop severe pelvic floor problems, surgery may ultimately be your best option. Expound on options you may explore in a bid to avoid surgery. **(10 marks)**

d) There are several factors that contribute to vaginal yeast overgrowth and if a woman is aware of them, she has the knowledge to prevent possible future infections. Elucidate on some of the possible contributors to yeast overgrowth **(5 marks)**

- 3) a) Explain how population census is useful for researchers and social organizations **(10 marks)**
b) Registration of vital statistics is a secondary source of demographic data, describe its sources **(5 marks)**

- 4) Demographic cross sectional sample surveys form another important source of population data. Discuss its strengths and weaknesses **(10 marks)**

- 5) a) Explain the importance of measures of population health to governments **(5 marks)**
b) Explain ways of assessing the general health status of populations **(5 marks)**
c) There are several different mortality rates used to monitor the level of mortality in populations. For each indicator, clearly provide the basic formula, what it quantifies and its application **(15 marks)**

- 6) a) With relevant examples, discuss different ways children suffer from parental separation **(15 marks)**
b) Discuss the consequences of divorce to couples **(10 marks)**