



(University of Choice)

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

MAIN CAMPUS

SCHOOL OF NURSING MIDWIFERY AND PARAMEDICAL SCIENCES

UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

FOR THE DEGREE OF BACHELOR OF GLOBAL HEALTH

COURSE CODE: NCG 123

COURSE TITLE - GLOBAL HEALTH EPIDEMIOLOGY

DATE: 14/4/2023 TIME 8.00-11.00 A.M

INSTRUCTIONS TO CANDIDATES

- i. WRITE YOUR UNIVERSITY REGISTRATION NUMBER ON EVERY PAGE.**
- ii. DO NOT WRITE YOUR NAME ON ANY PAGE YOU USE.**
- iii. THIS PAPER HAS 20 MCQS; 5 SHORT ANSWER QUESTIONS AND 2 LONG ANSWER QUESTIONS**
- iv. ANSWER ALL THE QUESTIONS.**
- v. READ CAREFULLY THE ADDITIONAL INSTRUCTIONS PRECEDING EACH SECTION.**

TIME: 3 Hours

SECTION A: MCQS 20 MARKS

1. HIV is a _____
 - A. Lentivirus
 - B. Capripoxvirus
 - C. Gallivirus
 - D. Papillomavirus
2. In the definition of epidemiology, “determinants” generally includes:
 - A. Agents
 - B. Causes
 - C. Control measures
 - D. Risk factors
 - E. Sources
3. Epidemiology, as defined in this lesson, would include which of the following activities?
 - A. Describing the demographic characteristics of persons with acute aflatoxin poisoning in District
 - B. Prescribing an antibiotic to treat a patient with community-acquired methicillin-resistant *Staphylococcus aureus* infection
 - C. Comparing the family history, amount of exercise, and eating habits of those with and without newly diagnosed diabetes

8. Patterns of growth that emerge under different environmental conditions are examples of
- A. Reduced health
 - B. Biological plasticity
 - C. Non optimal growth
 - D. Stunting
9. Death by advanced age is not considered to be an evolutionary adaptation because
- A. Individuals have already reproduced by the time they reach old age
 - B. Individuals rarely died of old age before the modern times
 - C. Old age is an environmental rather than phenomenon
 - D. Death is non adaptive
10. The first ever instance of AIDS was reported in
- A. USA
 - B. France
 - C. Russia
 - D. None of the above
10. HIV can also spread through
- A. Sharing water
 - B. Breathing in infected droplets
 - C. Sharing needles
 - D. Kissing
11. HIV is thought to have originated from
-

D. Recommending that a restaurant be closed after implicating it as the source of a hepatitis A outbreak

4. The process of rapid integration or interconnection between countries due to greater foreign investment is known as:

A. Integration of markets

B. International Trade

C. MNC

D. Globalization

5. Globalization results in:

A. lesser competition among producers

B. greater competition among producers

C. no change in competition among producers

D. none of the above

6. In stage 1 the death rate is

A. High

B. Low

C. Falling

D. Not known

7. Epidemiologic transition refers to

A. The change of mortality from infectious to degenerative diseases

B. A change in levels of hypertension in oversize individuals

C. The change in birth defects due to genetic abnormalities

D. The changing prevalence in Vitamin D deficiencies