



(University of Choice)

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

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST YEAR SECOND TRIMESTER EXAMINATION (SPECIAL)

FOR THE DEGREE

OF

**BACHELOR OF SCIENCE IN GLOBAL HEALTH AND TRAVEL
MEDICINE/OCCUPATIONAL SAFETY AND HEALTH**

COURSE CODE: NCG 124/NCO 127

**COURSE TITLE: NEGLECTED TROPICAL / COMMUNICABLE
DISEASES**

DATE: 03/10/2022 DAY: MON TIME: 8 AM – 11 AM


INSTRUCTIONS TO CANDIDATES

THIS PAPER CONSIST OF THREE SECTIONS A, B AND C

ANSWER ALL QUESTIONS

TIME: 3 HOURS

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 5 Printed Pages. Please Turn Over. 

Section A: MCQs (20 marks)

1. Cholera is a communicable disease spread through
 - a) Air
 - b) Food and water
 - c) Vector
 - d) Animal bites

2. The parasite trypanosoma cruzi is known for causing which Neglected Tropical Disease?
 - a) Dracunculiasis
 - b) Cysticercosis
 - c) Buruli ulcer
 - d) American trypanosomiasis

3. Which of the following is a neglected tropical disease?
 - a) Malnutrition
 - b) Cystic fibrosis
 - c) Retinoblastoma
 - d) Trichuriasis

4. Neglected tropical diseases are common in
 - a) Low-income populations in developing regions
 - b) Low-income countries in developed regions of Africa along the equator
 - c) High-income populations in regions of Asia, and Americas
 - d) Around the tropics of Capricorn and cancer

5. Infectious diseases are caused by
 - a) Mutagens
 - b) Carcinogens
 - c) Pathogens
 - d) Virions

6. Malaria is caused by
 - a) Hot climate
 - b) Rainy water
 - c) Mosquito
 - d) Bacteria

7. Neglected Tropical Diseases are commonly found in developing countries of
- Australia, Asia, and Russia
 - Africa, Asia, and Americas
 - Australia, Russia, and Canada
 - Africa, Canada, and Australia
8. Which of the following is an etiological classification of the NTDs?
- Helminth
 - Airborne
 - Taeniasis
 - Dracunculiasis
9. The most likely vector for buruli ulcer disease is
- Blackfly
 - Tsetsefly
 - House fly
 - Water bug
10. Abbreviation of nevirapine is
- 4NFV
 - 4NVP
 - NFV
 - NVP
11. Where will you look for the sporozoites of the malarial parasite?
- Red blood corpuscles of humans suffering from malaria
 - Saliva of infected female Anopheles mosquito
 - Salivary glands of freshly moulted female Anopheles mosquito
 - Spleen of infected humans
12. Which one of the following is a viral infection?
- Filariasis
 - Trachoma
 - Chikungunya
 - Leishmaniases

13. Among the factors contributing to neglected diseases is
- Bacteria
 - Stigma
 - Climate
 - Chain of infection
14. The two diseases with two stage life cycle consisting of human and vector stages are
- Malaria and Onchocerciasis
 - Ascariasis and Onchocerciasis
 - Malaria and Ascariasis
 - Schistosomiasis and Leishmaniasis
15. Which of the following is not associated with sexually transmitted diseases
- Oesophageal candidiasis
 - Meningitis
 - Genital warts
 - Vaginal cancer
16. 3TC is the abbreviation of which antiretroviral drug?
- Etravirinr
 - Lamivudine
 - Tenofovir
 - Atazanavir
17. Chagas diseases belong to which etiological class of infectious diseases?
- Bacterial
 - Viral
 - Protozoal
 - Parasitic
18. Which of the following is an example of a bacterial infection?
- Dracunculiasis
 - Trypanosomiasis
 - Yaws
 - Rabies

19. Which of the following are viral diseases transmitted by mosquitoes?
- Encephalitis and tripanosomiasis
 - Yellow fever and tripanosomiasis
 - Filariasis and Dengue
 - Yellow fever and Dengue
20. Which of the following is the causative organism for gonorrhoea
- Viral Neisseria gonorrhoeae
 - Bacterium Neisseria gonorrhoeae
 - Bacterium Treponema pallidum
 - Viral Treponema pallidum

Section B: SAQs (40 marks)

- Describe the signs and symptoms of Buruli ulcer (8 marks)
- Describe eight (8) complications of HIV (8 marks)
- State **8 (eight)** category A agents with bioterrorism potential (8 marks)
- Explain the four stages of syphilis (8 marks)
- Discuss any **2 (two)** gender aspects in communicable diseases (8 marks)

Section C: LAQs (40 marks)

- Discuss life cycle of ascaris lumbricoides (20 marks)
- Describe the modes of transmission of communicable diseases (20 marks)

