



"Investing in Africa's future"

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

DEPARTMENT OF PUBLIC HEALTH AND NURSING [DPHN]

NSPH 515: COMMUNICABLE DISEASES

END OF FIRST SEMESTER FINAL EXAMINATIONS

NOVEMBER 2024

LECTURER: Dr S.CHITUKU

DURATION: 3 HRS

INSTRUCTIONS

Answer **all** question in section A and 3 questions in section B

Each question carries equal marks (20).

DO NOT repeat material.

Question 1

Critically assess the global efforts in controlling malaria, with reference to Zimbabwe's progress in malaria prevention and control and respond to the following questions:

- a. Outline the global strategies used in the control and prevention of malaria. [5 marks]
- b. Identify and explain the key malaria prevention strategies implemented in Zimbabwe. [7 marks]
- c. Analyse the challenges Zimbabwe faces in achieving malaria elimination and the progress made so far. [8 marks]

Question 2

- a. Explain how vaccination works in preventing communicable diseases. [5 marks]
- b. Identify and describe key vaccination programs in Zimbabwe, such as the Expanded Program on Immunization (EPI). [7 marks]
- c. Assess the impact of these vaccination programs on public health in Zimbabwe, including challenges and successes. [8 marks]

Section B

Question 3

- a. Evaluate the effectiveness of government policies in controlling the spread of COVID-19. Discuss how measures such as lockdowns, travel restrictions, and mask mandates contributed to or hindered disease prevention efforts. [10 marks]
- b. Examine the challenges and opportunities associated with community engagement and communication in promoting COVID-19 prevention behaviours. Use examples of successful and unsuccessful initiatives from different countries. [10 marks]

Question 4

Discuss the significance of tuberculosis (TB) as a communicable disease in Zimbabwe and internationally, and explain key strategies used for its control and prevention. [20 marks]

Question 5

- a. Analyse the impact of HIV on women's health and well-being across the life course. Consider both physical and mental health dimensions. [10 marks]
- b. Discuss the specific challenges that pregnant women and mothers face in relation to HIV, including issues related to mother-to-child transmission (MTCT). [10 marks]

Question 6

- a. Explain the primary causes of diarrhoeal diseases in low- and middle-income countries (LMICs) and discuss the role of environmental factors such as water, sanitation, and hygiene (WASH) in the spread of these diseases. (10 marks)
- b. Discuss the challenges in implementing sustainable diarrhoea prevention and control programs in rural areas, and suggest strategies to overcome these barriers. (10 marks)

End Of Exam