



“Investing in Africa’s future”

COLLEGE OF HEALTH AGRICULTURE & NATURAL SCIENCE (CHANS)

NSPH 546: COMMUNICABLE DISEASES INCLUDING STIS AND HIV/AIDS

END OF SECOND SEMESTER FINAL EXAMINATIONS

July 2022

LECTURER: DR N. CHIKONZO

DURATION: HRS

INSTRUCTIONS

Answer **ALL** questions in Section and any **THREE (3)** questions in
Section B

All questions carry equal marks.

Write legibly.

SECTION A

1. You have been notified of a Typhoid outbreak in Mbare Matapi flats and you are to lead a City of Harare Response team to manage the outbreak.
 - a. Describe the practical steps that you would take and the resources you would need in response to this outbreak **[10 marks]**
 - b. Describe and provide possible solutions for any 5 challenges that you may anticipate **[5 marks]**
 - c. Offer recommendations that the Ministry of Health and Childcare and other named stakeholders need to follow to avoid a similar outbreak in the future **[10 marks]**.

SECTION B

2. TbAlert asserts that Tuberculosis can drive entire countries, not just the people within them, into ever deeper poverty.
 - a. Elaborate how this can be? **[5 marks]**
 - b. Recommend measures that can be put in place to end this cycle of poverty **[10 marks]**.
 - c. Drug-resistant TB (DRTB) has not helped the situation. As the Director of Communicable diseases, how would you minimize the emergence of DRTB **[10 marks]**
3. “When the coronavirus showed up on our doorstep, our country was caught unawares. It's time to make sure we are never in that situation again” (USATODAY, 2020)
 - a. As the Director of Communicable diseases, how would you have improved the Country's preparedness **[10 marks]**?
 - b. What mitigatory measures would you recommend be instituted against the impacts of COVID19? **[10 marks]**
 - c. What lessons would you draw from your experience in dealing with the COVID19 pandemic **[5 marks]**
4. a. Discuss the progress that has been made in the control of communicable diseases in Zimbabwe **[15marks]**

- b. Elaborate the impact of COVID19 on the control efforts the other communicable diseases [**10 marks**]
- 5.** HIV/AIDs control is an important public health issue and a development priority.
- a. Describe how the HIV/AIDS program has impacted the healthcare delivery system in Zimbabwe [**5 marks**]
 - b. Outline the socioeconomic impacts of HIV [**5 marks**]
 - c. Recommend strategies to improve the Zimbabwe HIV/Aids program to achieve UNAIDS targets [**15 marks**].

End of Paper