



*"Investing in Africa's future"*

**COLLEGE OF HEALTH AGRICULTURE & NATURAL SCIENCE (CHANS)**

**DEPARTMENT OF PUBLIC HEALTH AND NURSING [DPHN]**

**MASTERS OF PUBLIC HEALTH [MPH]**

**NSPH 546: COMMUNICABLE DISEASES INCLUDING STIS AND HIV/AIDS**

**END OF SECOND SEMESTER FINAL EXAMINATIONS**

**NOVEMBER-DECEMBER 2023**

**LECTURER: DR N. CHIKONZO**

**DURATION: 3 HRS**

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### **INSTRUCTIONS**

Answer **ALL** Questions in **Section A** and **ANY 3** questions from **Section B**

The mark allocation for each question is indicated at the end of the question

Credit will be given for logical, systematic, and neat presentations.



## **SECTION A**

### **Question 1.**

You have been notified of a Cholera outbreak in Budiriro after a political gathering. You are to lead a Rapid 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 offer solutions for any challenges you may expect in responding to the outbreak. [10 marks]
- c. How would you benefit from other stakeholders and named international partners in this scenario. [10 marks]
- d. Offer recommendations that the Ministry of Health and Child Care and other named stakeholders need to follow to avoid a similar outbreak in the future. [10 marks]

## **SECTION B**

### **Question 2**

Communicable disease control is a global issue and can be considered a Global security concern thus the assertion that “*The underfunding for combatting infectious diseases can harm all of society*”.

- a. Discuss the above statement [10 marks]
- b. Discuss the international regulations that offer guidance on communicable diseases. [5 marks]
- c. How would you ensure your country’s cooperation with the above [5marks]

### **Question 3.**

The World Neglected Tropical Diseases (NTD) Day celebrated on January 30 2023 had the theme: “*Act Now. Act together. Invest in Neglected Tropical diseases*”.

- a. Discuss the timeliness and appropriateness of the theme [5 marks].
- b. Basing on the 5 core strategic interventions in combating NTDs outlined by WHO, what actions would your country need to take to combat NTD. [10 marks]
- c. Outline the investments you would recommend towards fighting NTDs. [5 marks].



#### **Question 4.**

You are a Team Leader in the National Reproductive and Sexual Health Task Force.

- a. Describe the practical steps that you would take from the conception through to the realization of adopting and implementing a plan to control Sexually Transmitted infections in adolescents. **[10 marks]**
- b. Highlight any 5 challenges that you may anticipate at different steps along the way and how you would attempt to mitigate them. **[5 marks]**
- c. Stakeholder involvement would be crucial in achieving your goal. Which stakeholders would you involve and why? **[5 marks]**

#### **Question 5**

HIV and TB are very closely linked and they have been dubbed the terrible twins

- a. Discuss HIV/AIDS - TB programming in Zimbabwe **[10 marks]**
- b. As Director of the AIDS and TB unit, how would you optimize the program **[10marks]**

#### **Question 6**

The COVID-19 pandemic impacted all of society and life.

- a. Discuss the aftermath of the COVID-19 pandemic from a public health perspective **[10marks]**.
- b. Outline how such impacts as posed by COVID-19 can be mitigated in the future **[10 marks]**

**End of Paper**