



"Investing in Africa's future"

COLLEGE OF HEALTH AGRICULTURE & NATURAL SCIENCE

SPH 516: NON COMMUNICABLE DISEASES

END OF SECOND SEMESTER FINAL EXAMINATIONS

APRIL/MAY 2019

LECTURER: DR F. MUTSEYEKWA

DURATION: 3 HRS

INSTRUCTIONS

Answer **Any 4 (four)** questions

All questions carry equal marks (25).

DO NOT repeat material.

Write legibly.

Question 1

Concerning the 'Report of the Commission on ending childhood obesity',

- a) Outline the six (6) recommendations proposed for country governments and communities to take up in order to prevent and control the childhood obesity epidemic. [6]
- b) Highlighting the possible facilitators and barriers, argue on the applicability of these recommendations and some of the suggested activities in the local context. [19]

Question 2

Discuss the positive and negative impact of modern technology on uptake of lifestyles that influence NCD incidence and outcomes. [25]

Question 3

- a) Describe in detail the relationship between HIV and Non Communicable diseases in terms of causality, co-morbidity and prognosis. [12]
- b) Discuss the implications of these relationships on public health programming [12]
- c) Define the term 'HIV Associated Non-AIDS' conditions [1]

Question 4

- a) Outline at least five (5) lifestyle & exposure risk factors for developing Chronic Obstructive Pulmonary disease (COPD). [5]
- b) Describe the harmful effects of tobacco smoking on the human body. [10]
- c) Discuss the successes and challenges faced by the Zimbabwean government in implementing the Framework Convention for Tobacco Control (FCTC). [10]

Question 5

- a) Africa is home to more than 4 million diabetics (WHO estimates).
 - i. Describe the classification of DM [2]
 - ii. Explain the pathogenesis of DM [3]
- b) As much as 88- 95% of Cancer Diagnosis in Africa occurs at late or end stage disease when there is no longer any room for effective intervention. Outline the factors contributing to such delay and suggest strategies to mitigate these factors. [15]
- c) Research conducted at Mutare Provincial Hospital OPD revealed that more than 50% of Hypertension patients reported non-adherence to their antihypertensive medications. Suggest some proactive interventions that could be taken up in the clinical area to improve on treatment adherence among chronic disease patients. [5]

End of Paper