

KISII UNIVERSITY
SPECIAL EXAMINATIONS
BACHELOR OF SCIENCE IN PUBLIC HEALTH

PHES 421: NON-COMMUCABLE DISEASES (NCDs)

SPECIAL PAPER 2022

SECTION A: Answer all questions in section A (40 marks)

1. State four (4) forces driving NCDs (2 marks)
2. Unhealthy diets and a lack of physical activities commonly may show up in people as certain serious conditions. Name the conditions (4 marks)
3. (i) Name the four (4) largest contributors to NCD-related morbidity and mortality (2 marks)
(ii) What are the main NCD effects of disability to a community (3 marks)
4. Differentiate between “Modifiable Behavioural Risk Factors” and “Metabolic Risk Factors” giving four (4) examples of each of the two types
5. State five (5) characteristics of NCDs (5 marks)
6. Define the NCD condition known as Diabetes. Briefly describe two (2) types of diabetes (8 marks)
7. Explain what do gene mutations do in cancer cases (8 marks)
8. State four causes of hypertension (2 marks)
9. Define the condition known as Amyotrophic Lateral Sclerosis (ALS) as a NCD. What is its one most characteristic compared to other NCDs? (2 mks)
10. What is likely to happen to a person to with Sickle Cell Disease (Sickle Cell Anaemia) (SCD)(SCA)? (5 marks)

SECTION B: Answer two questions in section B (30 marks)

1. Describe Arthritis as a NCD based on its main facts (15 marks)
2. Depression is the leading cause of disability worldwide and is a major contributor to the overall global burden of disease. Describe two (2) types of depression (15 marks)
3. Describe how cancer starts and spreads in a human body (15 marks)