



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR:
BACHELOR OF SCIENCE IN COMMUNITY HEALTH
BSCH/15S/YEAR 3/ SEMESTER 1
APH 4305: NON COMMUNICABLE AND LIFESTYLE
DISEASES
SPECIAL/ SUPPLEMENTARY EXAMINATIONS
SERIES: SEPTEMBER 2018
TIME: 2 HOURS

Instructions to Candidates

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions.

This paper consists of two printed pages.

Mobile phones are NOT allowed in the examination room

Question ONE

- | | |
|---|---------|
| a). Differentiate hypoglycemia from hyperglycemia | 3 marks |
| b). Give four measures identified by WHO to reduce non communicable diseases. | 4 marks |
| c). Briefly explain cushings syndrome | 5 marks |
| d). State four bad effects of smoking | 4 marks |
| e). Cervical cancer is one of common cancers in women. Outline five risk factors associated with this cancer. | 5 marks |
| f). Outline five triggers of asthma | 5 marks |
| g). Distinguish between heart attack and stroke | 4 marks |

Question TWO

Non communicable and lifestyle diseases are common in people aged above 40 years old.

- a) Discuss four natural significant changes in aging that contribute to non-communicable diseases. 12 marks
- b) Discuss the factors of reducing non communicable diseases on individuals and the community 8 marks

Question THREE

Explain in details prevention and control of non-communicable diseases in the society. 20 marks

Question FOUR

Mwikali is a secondary school teacher aged 45 years. She went to Kwale hospital with persistence symptoms of frequent urination and thirsty and was diagnosed with diabetes.

- a) Describe five causes of type 2 diabetes. 10 marks
- b) Differentiate between type 1 and type 2 diabetes. 10 marks

Question FIVE

- a) Describe four types of obesity. 12 marks
- b) Discuss the significance of antioxidants in prevention of cancer. 8 marks