



**TECHNICAL UNIVERSITY OF MOMBASA
FACULTY OF APPLIED AND HEALTH SCIENCES**

**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH
(DEHS18S & DND18S)**

APH 2201: COMMUNICABLE & NON-COMMUNICABLE DISEASES

SEMESTER EXAMINATION

AUGUST 2019

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*

QUESTION ONE

- a) Define the following terms (**10 marks**)
 - i. Agent,
 - ii. Host,
 - iii. Environment,
 - iv. Carrier,
 - v. Case

- b) Distinguish between infestation and contamination (**4 marks**).
- c) Give **TWO** factors that increase the transmission of contact diseases (**2 marks**).
- d) Outline five reasons of excessive gain in weight (**5 marks**)
- e) State four methods of preventing cancer (**4 marks**)
- f) Discuss the adverse effect of smoking (**5 marks**)

QUESTION TWO

- a) Define cholera (**2 marks**)
- b) Explain how cholera is spread (**5 marks**)
- c) Describe the control and prevention of cholera (**8 marks**)

QUESTION THREE

- a) Define tuberculosis (**2 marks**)
- b) Identify pre-disposing factors for tuberculosis (**7 mark**)
- c) Explain prevention and control measures of tuberculosis (**6 marks**)

QUESTION FOUR

- a) Discuss **FIVE** factors that have attributed to occurrence of cancer (**10 marks**)
- b) Explain the challenges linked to non-communicable diseases in low income countries (**5marks**)

QUESTION FIVE

Obesity has been a problem in most developed countries but it is becoming a health hazard in developing countries and especially in towns. Discuss causes of obesity (**15 marks**)