



**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 & DND 18S )

**APH 2201: COMMUNICABLE & NON-COMMUNICABLE DISEASES**

**SEMESTER EXAMINATION**

**AUGUST 2019**

**2 HOURS**

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**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: Outbreak, Epidemic, Agent, Sporadic disease, Host (10 marks)
  - i. Epidemic
  - ii. Outbreak
  - iii. Non-communicable disease
  - iv. Sporadic
  - v. Host
- b) Outline **FOUR** Characteristics of Communicable Diseases (4 marks)
- c) Name any **FOUR** non-communicable diseases (**4 marks**)
- d) Differentiate hypoglycemia from hyperglycemia (**4 marks**)
- e) Name **FOUR** internationally notifiable diseases (**4 marks**)
- f) Distinguish between heart attack and stroke (**4 marks**)

## **QUESTION TWO**

- a) Define malaria (2 marks)
- b) Describe malaria transmission routes (3 marks)
- c) Explain possible measures in malaria prevention and control (10 marks)

## **QUESTION THREE**

- a) Define scabies (**2 marks**)
- b) Describe the signs of scabies (**3 marks**)
- c) Describe the methods of prevention, control and management (**10 marks**)

## **QUESTION FOUR**

Compare and contrast Type 1 and Type II diabetes (**15 marks**)

## **QUESTION FIVE**

Describe lifestyle modifications important for ameliorating hypertension (**15 marks**)