



*(Knowledge for Development)*

**KIBABII UNIVERSITY**

**UNIVERSITY EXAMINATIONS 2020/2021**

**ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER**

**SUPPLEMENTARY EXAMINATION**

**FOR ALL FIRST YEARS BACHELOR'S DEGREE**

**PROGRAMMES**

**COURSE CODE: KUC 123**

**COURSE TITLE: HIV/AIDS & OTHER EMERGING DISEASES**

**DATE: 26<sup>TH</sup> JULY 2022**

**TIME: 11.00 -1.00 PM**

**INSTRUCTIONS TO CANDIDATES**

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

This paper consists of 2 printed pages. Please Turn Over  
**KIBU observes ZERO tolerance to examination cheating**



### QUESTION ONE

- a) Define the terms HIV and AIDS (2 Marks)
- b) Define window period (1 Mark)
- c) How can the disease progression of HIV/AIDS be delayed? (4 Marks)
- d) Explain the modes of HIV transmission (7 Marks)
- e) Describe the modes of Mother to Child Transmission (MTCT) of HIV (6 Marks)
- f) Discuss the strategies that can be used to prevent the spread of HIV/AIDS (10 Marks)

### QUESTION TWO

Non communicable diseases are among the emerging and re-emerging diseases

- a) Define non communicable diseases (1 Mark)
- b) List 4 non communicable diseases (2 Marks)
- c) State 5 risk factors of non-communicable diseases? (5 Marks)
- d) Discuss how non communicable diseases can be prevented (12 Marks)

### QUESTION THREE

- a) Outline the vulnerable households who are common in high prevalence contexts of HIV infection (5 Marks)
- b) Discuss the factors that have led to the spread of HIV/AIDS (15 Marks)

### QUESTION FOUR

HIV life cycle is a complex process that involves at least five distinctively broad steps. Provide a detailed description of these steps (20 marks)

### QUESTION FIVE

Discuss mother to child transmission of HIV under the following subheadings

- i. Definition (1 mark)
- ii. Methods of MTC (mother to child) transmission (12 marks)
- iii. Methods of preventing mother to child transmission (7 marks)